

MACS[®] Cell Analysis

Products for flow cytometry

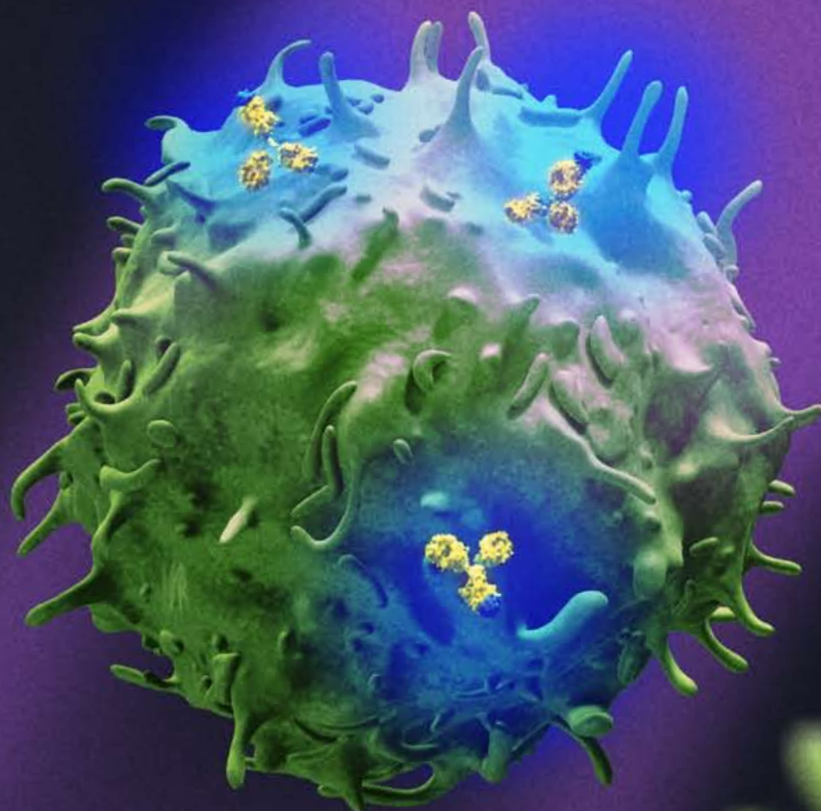
October

2010

Product list

Antibodies

Complete kits for specific
flow cytometric applications



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MACS® Products for flow cytometry

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Anti-A2B5	105-HB29, mouse IgM	Detection of A2B5 ⁺ glial-restricted precursor cells in human, mouse, or rat	PE	100 tests ⁴	130-093-581
			APC	100 tests ⁴	130-093-582
			Biotin	100 tests ⁴	130-093-393
			pure	100 µg in 1 mL	130-093-394
Anti-CLA	HECA-452, rat IgM	Detection of CLA ⁺ lymphocytes and monocytes	FITC	100 tests	130-091-636
			PE	100 tests	130-091-635
			Biotin	100 tests	130-091-634
			pure	100 µg in 1 mL	130-092-629
Anti-Cytokeratin	CK3-3E4, mouse IgG2a	Detection of normal and malignant human epithelial cells	pure ⁷	100 µg in 1 mL	130-090-865
Anti-Cytokeratin	CK3-6H5, mouse IgG1	Detection of normal and malignant human epithelial cells	FITC ⁷	100 test	130-080-101
			pure ⁷	100 µg in 1 mL	130-090-866
Anti-Cytokeratin	CK3-3E4, mouse IgG2a, CK3-11D5, mouse IgG1	Immunohistochemical detection of normal and malignant human epithelial cells	Alkaline Phosphatase ⁷	up to 50 tests	130-090-462
Anti-FoxP3	3G3, mouse IgG1	Intracellular staining of FoxP3 ⁺ human, mouse, or non-human primate cells	PE	100 tests	130-093-014
			APC	100 tests	130-093-013
Anti-GITR	DT5D3, mouse IgG1	Detection of GITR expression on human cells	PE	100 tests	130-092-895
			Biotin	100 tests	130-092-886
			pure	100 µg in 1 mL	130-092-885
Anti-GITR – functional grade	DT5D3, mouse IgG1	Unconjugated antibody for <i>in vitro</i> functional assays	pure	500 µg in 0.5 mL	130-093-052
Anti-HLA-DR	AC122, mouse IgG2a	Detection of antigen-presenting cells from PBMCs, cord blood, bone marrow, and tissues	FITC	100 tests	NEW 130-095-295
			PE	100 tests	NEW 130-095-298
			APC	100 tests	NEW 130-095-297
			VioBlue	100 tests	NEW 130-095-293
			PerCP	100 tests	NEW 130-095-291
Anti-IgA	IS11-8E10, mouse IgG1	Detection of human IgA	FITC	100 tests	130-093-071
			PE	100 tests	130-093-128
			APC	100 tests	130-093-113
			Biotin	100 tests	130-093-114
			pure	100 µg in 1 mL	130-093-073
Anti-IgA2	IS11-21E11, mouse IgG1	Detection of human IgA2	FITC	100 tests	130-093-069
			PE	100 tests	130-093-070
			APC	100 tests	130-093-079
			Biotin	100 tests	130-093-080
			pure	100 µg in 1 mL	130-093-081
Anti-IgD	IgD26, mouse IgG1	Detection of IgD ⁺ human cells	FITC ⁷	100 tests	130-094-552
			PE	100 tests	130-094-539
			APC	100 tests	130-094-553
			Biotin	100 tests	130-094-554
			pure	100 µg in 1 mL	130-094-555

Product	Clone Isotype	Brief description	Conjugate	Capacity/ ¹ / content	Order no.
Antibodies - Human (continued)					
Anti-IgE	MB10-5C4, mouse IgG1	Detection of human IgE	FITC	100 tests	130-093-065
			PE	100 tests	130-093-066
			APC	100 tests	130-093-067
			Biotin	100 tests	130-093-068
			pure	100 µg in 1 mL	130-093-127
Anti-IgG	IS11-3B2.2.3, mouse IgG1	Detection of human IgG	FITC	100 tests	130-093-192
			PE	100 tests	130-093-193
			APC	100 tests	130-093-194
			Biotin	100 tests	130-093-195
			pure	100 µg in 1 mL	130-093-197
Anti-IgG1	IS11-12 E4.23.20, mouse IgG1	Detection of human IgG1	PE	100 tests	130-093-188
			APC	100 tests	130-093-189
			Biotin	100 tests	130-093-190
Anti-Igκ Light Chain	IS11-24D5, mouse IgG1	Detection of human immunoglobulins with κ light chains	FITC	100 tests	130-093-053
			PE	100 tests	130-093-054
			APC	100 tests	130-093-043
			Biotin	100 tests	130-093-042
			pure	100 µg in 1 mL	130-093-041
Anti-Igλ Light Chain	IS7-24C7, mouse IgG1	Detection of human immunoglobulins with λ light chains	FITC	100 tests	130-093-040
			PE	100 tests	130-093-039
			APC	100 tests	130-093-038
			Biotin	100 tests	130-093-025
			pure	100 µg in 1 mL	130-093-024
Anti-IgM	PJ2-22H3, mouse IgG1	Detection of human IgM	PE	100 tests	130-093-075
			APC	100 tests	130-093-076
			Biotin	100 tests	130-093-077
			pure	100 µg in 1 mL	130-093-078
Anti-iNKT	6B11, mouse IgG1	Detection of human invariant NKT cells expressing the T cell receptor Va24-Ja18 combined with Vβ11	PE	100 tests	130-094-838
			APC	100 tests	130-094-839
			Biotin	100 tests	130-094-841
Anti-iNKT – functional grade	6B11, mouse IgG1	Specific activation and expansion of iNKT cells	pure	100 µg in 1 mL	130-094-865
Anti-KIR2D	NKVFS1, mouse IgG1	Detection of Killer immunoglobulin receptor (KIR) subtypes on human NK cells and subsets of T cells	PE	100 tests	130-092-688
			APC	100 tests	130-092-687
			Biotin	100 tests	130-092-904
			pure	100 µg in 1 mL	130-092-689
Anti-Melanoma (MCSP)	EP-1, mouse IgG1	Detection of human melanoma cells	PE	100 tests	130-091-225
			APC	100 tests	130-091-252
Anti-MSCA-1 (W8B2)	W8B2, mouse IgG1	Detection of MSCA-1 ⁺ marrow stromal cells	PE	100 tests	130-093-587
			APC	100 tests	130-093-589
			Biotin	100 tests	130-093-593
			pure	100 µg in 1 mL	130-093-595
Anti-NKp80	4A4.D10, mouse IgG1	Detection of NKp80 (KLRF1), expressed on all human NK cells and a small subset of T cells	FITC	100 tests	130-094-843
			PE	100 tests	130-094-844
			APC	100 tests	130-094-845
			Biotin	100 tests	130-095-114
			pure	100 µg in 1 mL	130-094-846

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Antibodies - Human (continued)					
Anti-PSA-NCAM	2-2B, mouse IgM	Detection of PSA-NCAM ⁺ neuronal-restricted precursor human, mouse, and rat cells	PE	100 tests ⁴	130-093-274
			APC	100 tests ⁴	130-093-273
Anti-PTK7 (CCK-4)	188B, mouse IgG2a	Detection of human plasmacytoid dendritic cells, type-2 myeloid dendritic cells, and hematopoietic progenitor cells in blood and bone marrow	PE	100 tests	130-091-364
			APC	100 tests	130-091-366
			Biotin	100 tests	130-091-365
			pure	100 µg in 1 mL	130-091-578
Anti-Slan (M-DC8)	DD1, mouse IgM	Detection of Slan (M-DC8) on human monocytic cells	FITC	100 tests	130-093-027
			PE	100 tests	130-093-029
			APC	100 tests	130-093-031
			Biotin	100 tests	130-093-033
Anti-TCRa/β	BW242/412, mouse IgG2b	Detection of human T cells	PE	100 tests	130-091-236
			APC	100 tests	130-091-237
CD1c (BDCA-1)	AD5-8E7, mouse IgG2a	Detection of human CD1c (BDCA-1) ⁺ myeloid dendritic cells (MDC1s)	FITC ⁷	100 tests	130-090-507
			PE	100 tests	130-090-508
			APC	100 tests	130-090-903
			Biotin ⁷	100 tests	130-090-692
			pure ⁷	100 µg in 1 mL	130-090-695
CD2	LT2, mouse IgG2b	Detection of human T and NK cells	PE	100 tests	130-091-115
CD2 – functional grade	LT2, mouse IgG2b	Functional grade antibody for T cell activation and expansion	Biotin	100 µg in 1 mL	130-093-376
CD3	BW264/56, mouse IgG2a	Detection of human T cells	FITC	100 tests	130-080-401
			PE	100 tests	130-091-374
			APC	100 tests	130-091-373
			VioBlue	100 tests	130-094-363
			PerCP	100 tests	130-094-965
CD3 – functional grade	OKT3, mouse IgG2a	Functional grade antibody for T cell activation and expansion	Biotin	100 µg in 1 mL	130-093-377
			pure	100 µg in 1 mL	130-093-387
CD4 (VIT4)	VIT4, mouse IgG2a	Detection of human T helper cells or identification of MACSelect 4-transfected cells	FITC	100 tests	130-092-358
			PE	100 tests	130-092-373
			APC	100 tests	130-092-374
			VioBlue	100 tests	130-094-153
			PerCP	100 tests	130-094-963
CD4	M-T466, mouse IgG1	Detection of human T helper cells or identification of MACSelect 4-transfected cells	FITC	100 tests	130-080-501
			PE	100 tests	130-091-231
			APC	100 tests	130-091-232
CD6	M-T411, mouse IgG1	Detection of human T and B cells	FITC ⁷	100 tests	130-091-482
			PE	100 tests	130-091-233
			APC	100 tests	130-091-234
CD8	BW135/80, mouse IgG2a	Detection of human cytotoxic T cells	FITC	100 tests	130-080-601
			PE	100 tests	130-091-084
			APC	100 tests	130-091-076
			VioBlue	100 tests	130-094-152
			PerCP	100 tests	130-094-972

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Antibodies - Human (continued)					
CD10	97C5, mouse IgG1	Detection of CD10 ⁺ B cells	FITC	100 tests	130-093-448
			PE	100 tests	130-093-449
			APC	100 tests	130-093-450
			Biotin	100 tests	130-093-451
CD11b	M1/70.15.11.5, rat IgG2b	Detection of human and mouse myeloid cells	FITC	100 tests	130-081-201
			PE	100 tests	130-091-240
			APC	100 tests	130-091-241
CD11c	MJ4-27G12.4.6, mouse IgG2b	Detection of CD11c ⁺ myeloid cells, especially type 1 myeloid dendritic cells (MDC1s)	FITC	100 tests	130-092-410
			PE	100 tests	130-092-411
			APC	100 tests	130-092-412
			Biotin	100 tests	130-092-413
			pure	100 µg in 1 mL	130-092-414
CD14	TÜK4, mouse IgG2a	Detection of human monocytes and macrophages	FITC	100 tests	130-080-701
			PE	100 tests	130-091-242
			APC	100 tests	130-091-243
			VioBlue	100 tests	130-094-364
			PerCP	100 tests	130-094-969
CD15	VIMC6, mouse IgM	Detection of human granulocytes	FITC	100 tests	130-081-101
			PE	100 tests	130-091-375
			APC	100 tests	130-091-371
CD16	VEP13, mouse IgM	Detection of human CD16 ⁺ cells	FITC	100 tests	130-091-244
			PE	100 tests	130-091-245
			APC	100 tests	130-091-246
CD19	LT19, mouse IgG1	Detection of human B cells and follicular dendritic cells	FITC ⁷	100 tests	130-091-328
			PE	100 tests	130-091-247
			APC	100 tests	130-091-248
CD20	LT20, mouse IgG1	Detection of human B cells	FITC	100 tests	130-091-108
			PE	100 tests	130-091-109
			VioBlue	100 tests	130-094-167
			PerCP	100 tests	130-094-976
CD23	M-L234, mouse IgG1	Identification and enumeration of CD23 (FcεRII, IgE Fc receptor, or low affinity IgE receptor) on human cells	PE	100 tests	130-094-505
			APC	100 tests	130-094-508
			Biotin	100 tests	130-094-510
CD25	4E3, mouse IgG2b	Detection of activated human T and B cells and regulatory T cells	PE	100 tests	130-091-024
			APC	100 tests	130-092-858
			Biotin	100 tests	130-091-235
CD26	FR10-11G9, mouse IgG2a	Detection of human CD26 ⁺ cells	PE	100 tests	130-093-440
			APC	100 tests	130-093-441
			Biotin	100 tests	130-093-442
CD27	M-T271, mouse IgG1	Detection of CD27 on human T, B, and NK cells	FITC	100 tests	130-093-184
			PE	100 tests	130-093-185
			APC	100 tests	130-093-186
			Biotin	100 tests	130-093-196
CD28	15E8, mouse IgG1	Detection of CD28 on human leukocytes	PE	100 tests	130-092-921
			APC	100 tests	130-092-923
			Biotin	100 tests	130-092-955

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Antibodies - Human (continued)					
CD28 – functional grade	15E8, mouse IgG1	Functional grade antibody for T cell activation and expansion	Biotin	100 µg in 1 mL	130-093-386
			pure	100 µg in 1 mL	130-093-375
CD30	Ki-2, mouse IgG1	Detection of human Hodgkin/Reed-Sternberg cells or activated T and B cells	PE	100 tests	130-081-401
CD31	AC128, mouse IgG1	Detection of human CD31 ⁺ cells	FITC	100 tests	130-092-654
			PE	100 tests	130-092-653
			APC	100 tests	130-092-652
CD33	AC104.3E3, mouse IgG1	Detection of human myeloid cells	PE	100 tests	130-091-732
			APC ⁷	100 tests	130-091-731
CD34	AC136, mouse IgG2a	Detection of human hematopoietic stem and progenitor cells	FITC	100 tests	130-081-001
			PE	100 tests	130-081-002
			APC	100 tests	130-090-954
			VioBlue	100 tests	NEW 130-095-393
CD36	AC106, mouse IgG2a	Detection of CD36 on platelets, monocytes/macrophages, endothelium and erythroid precursors	FITC	100 tests	NEW 130-095-470
			PE	100 tests	NEW 130-095-472
			APC	100 tests	NEW 130-095-475
			Biotin	100 tests	NEW 130-095-478
			VioBlue	100 tests	NEW 130-095-482
			PerCP	100 tests	NEW 130-095-480
CD38	IB6, mouse IgG2b	Detection of human immature and activated T and B cells, and plasma cells	FITC	100 tests	130-092-259
			PE	100 tests	130-092-260
			APC	100 tests	130-092-261
			Biotin	100 tests	130-092-288
CD39	MZ18-23C8, mouse IgG1	Detection of human CD39 ⁺ regulatory T cells and other CD39-expressing cells	FITC	100 tests	130-093-502
			PE	100 tests	130-093-503
			APC	100 tests	130-093-504
			Biotin	100 tests	130-093-505
			pure	100 mg in 1 mL	130-093-506
CD40	HB14, mouse IgG1	Detection of CD40 on B cells, macrophages, follicular dendritic cells, and a subset of peripheral T cells	PE	100 tests	130-094-135
			APC	100 tests	130-094-137
			Biotin	100 tests	130-094-142
CD40 – functional grade	HB14, mouse IgG1	Unconjugated antibody for blocking of CD40-CD154 interaction	pure	100 µg in 1 mL	130-094-133
CD44	DB105, mouse IgG1	Detection of CD44 on human cells	FITC	100 tests	130-095-195
			PE	100 tests	130-095-180
			APC	100 tests	130-095-177
CD45	5B1, mouse IgG2a	Detection of human leukocytes	FITC	100 tests	130-080-202
			PE	100 tests	130-080-201
			APC	100 tests	130-091-230
			VioBlue	100 tests	130-092-880
			PerCP	100 tests	130-094-975
CD45RA	T6D11, mouse IgG2b	Detection of subsets of human T cells and B cells	FITC	100 tests	130-092-247
			PE	100 tests	130-092-248
			APC	100 tests	130-092-249
			VioBlue	100 tests	NEW 130-095-464
			PerCP	100 tests	NEW 130-095-466

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Antibodies - Human (continued)					
CD45RO	UCHL1, mouse IgG2a	Detection of CD45 ⁺ human cells - identification of human T cell subsets.	FITC	100 tests	NEW 130-095-462
			PE	100 tests	NEW 130-095-457
			APC	100 tests	NEW 130-095-460
			PerCP	100 tests	NEW 130-095-451
CD49d	MZ18-24A9, mouse IgG2b	Detection of CD49d on human cells	FITC	100 tests	130-093-283
			PE	100 tests	130-093-282
			APC	100 tests	130-093-281
			Biotin	100 tests	130-093-280
			pure	100 µg in 1 mL	130-093-279
CD56	AF12-7H3, mouse IgG1	Detection of human NK cells	PE ⁷	100 tests	130-090-755
			APC ⁷	100 tests	130-090-843
			pure ⁷	50 µg in 1 mL	130-090-955
CD57	TB03, mouse IgM	Detection of CD57 expression on human T cell and NK cell subsets	FITC	100 tests	130-092-174
			PE	100 tests	130-092-139
			APC	100 tests	130-092-141
			Biotin	100 tests	130-092-620
CD61	Y2/51, mouse IgG1	Detection of human megakaryocytes and platelets	PE	100 tests	130-081-501
CD62L	145/15, mouse IgG1	Detection of human L-selectin-expressing cells	FITC	100 tests	130-091-757
			PE	100 tests	130-091-756
			APC	100 tests	130-091-755
CD66abce	TET2, mouse IgG2b	Detection of CD66abce expression on granulocytes, neutrophils, and some epithelial cells	FITC	100 tests	130-093-132
			PE	100 tests	130-093-133
			APC	100 tests	130-093-155
			Biotin	100 tests	130-093-156
CD69	FN50, mouse IgG1	Detection of activated human T, B, and NK cells	FITC	100 tests	130-092-166
			PE	100 tests	130-092-160
			APC	100 tests	130-092-159
			Biotin	100 tests	130-092-161
CD71	AC102, mouse IgG2a	Detection of human proliferating cells	PE	100 tests	130-091-728
			APC	100 tests	130-091-727
CD73	AD2, mouse IgG1	Detection of CD73 ⁺ lymphocytes, follicular dendritic cells, endothelial cells and marrow stromal cells (MSCs)	PE	100 tests	130-095-182
			APC	100 tests	130-095-183
			Biotin	100 tests	130-095-184
			pure	100 µg in 1 mL	130-095-185
CD83	HB15, mouse IgG1	Detection of CD83-expressing human cells, e.g. mature DCs	PE	100 tests	130-094-181
			APC	100 tests	130-094-186
			Biotin	100 tests	130-094-177
CD84	MZ18-21F6, mouse IgG1	Detection of CD84 expression on human cells	FITC	100 tests	130-093-278
			PE	100 tests	130-093-277
			APC	100 tests	130-093-276
			Biotin	100 tests	130-093-275
CD86	FM95, mouse IgG1	Detection of CD86 ⁺ monocytes, monitoring of DC maturation	FITC	100 tests	130-094-878
			PE	100 tests	130-094-877
			APC	100 tests	130-094-876

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Antibodies - Human (continued)					
CD90	DG3, mouse IgG1	Detection of CD90 ⁺ thymocytes, neurons, cord blood and bone marrow cells and mesenchymal stromal cells (MSCs)	FITC	100 tests	NEW 130-095-403
			PE	100 tests	NEW 130-095-400
			APC	100 tests	NEW 130-095-402
CD95	DX2, mouse IgG1	Detection of CD95 on human cells	FITC	100 tests	130-092-415
			PE	100 tests	130-092-416
			APC	100 tests	130-092-417
			Biotin	100 tests	130-092-418
CD105	43A4E1, mouse IgG1	Detection of CD105 ⁺ cells, e.g. endothelial cells or MSCs	PE	100 tests	130-094-941
			APC	100 tests	130-094-926
			Biotin	100 tests	130-094-916
CD101	BB27, mouse IgG1	Identification of CD101 ⁺ monocytes, granulocytes, subsets of dendritic cells (DCs) and some subpopulations of FoxP3 ⁺ Tregs	PE	100 tests	NEW 130-095-225
			Biotin	100 tests	NEW 130-095-221
CD107a	H4A3, mouse IgG1	Detection of CD107a ⁺ T cells by flow cytometry	FITC	100 tests	NEW 130-095-518
			PE	100 tests	NEW 130-095-515
			APC	100 tests	NEW 130-095-510
			VioBlue	100 tests	NEW 130-095-520
CD117 (A3C6E2)	A3C6E2, mouse IgG1	Detection of hematopoietic and nonhematopoietic stem and progenitor cells	PE	100 tests	130-091-734
			APC	100 tests	130-091-733
CD117 (AC126)	AC126, mouse IgG1	Detection of hematopoietic and non- hematopoietic stem and progenitor cells	PE	100 tests	130-091-735
CD123	AC145, mouse IgG2a	Detection of human basophilic granulocytes	FITC	100 tests	130-090-897
			PE	100 tests	130-090-899
			APC	100 tests	130-090-901
			pure	50 µg in 1 mL	130-090-940
CD127	MB15-18C9, mouse IgG2a	Detection of human CD127 ⁺ T cells, e.g. memory CD8 T cell precursors or CD127 ⁺ regulatory T cells	FITC	100 tests	130-094-888
			PE	100 tests	130-094-889
			APC	100 tests	130-094-890
			Biotin	100 tests	130-094-891
			pure	100 µg in 1 mL	130-094-942
CD133/1	W6B3C1, mouse IgG1	Evaluation of CD133 expression in human tissue by Western blot	pure	100 µg in 1 mL	130-092-395
CD133/1	AC133, mouse IgG1	Detection of human stem and progenitor cells	PE ⁷	100 tests	130-080-801
			APC ⁷	100 tests	130-090-826
			Biotin ⁷	100 tests	130-090-664
			pure ⁷	50 µg in 1 mL	130-090-422
CD133/2	293C3, mouse IgG2b	Detection of human stem and progenitor cells	PE	100 tests	130-090-853
			APC	100 tests	130-090-854
			Biotin	100 tests	130-090-852
			pure	50 µg in 1 mL	130-090-851
CD133/2 CE	293C3, mouse IgG2b	Intended for the <i>in vitro</i> diagnostic identi- fication of CD133 ⁺ cells by flow cytometry. The cell source can be whole blood, mobi- lized whole blood, leukapheresis harvest, mobilized leukapheresis harvest, bone marrow, or the target fraction of a CD133 ⁺ cell enrichment with the CliniMACS CD133 System. CE-marked in compliance with the European Union Directive 98/79/ EC for <i>in vitro</i> diagnostic medical devices.	PE	100 tests (up to 10 ⁸ cells)	170-070-702

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Antibodies - Human (continued)					
CD133/2	AC141, mouse IgG1	Detection of human stem and progenitor cells	PE	100 tests	130-080-901
			pure	50 µg in 1 mL	130-090-423
CD134 (OX40)	ACT35, mouse IgG1	Detection of activated T lymphocytes	PE	100 tests	130-095-270
			APC	100 tests	130-095-272
			Biotin	100 tests	130-095-274
CD137	4B4-1, mouse IgG1	Detection of activated antigen-specific CD137 ⁺ T cells	PE	100 tests	130-093-475
			APC	100 tests	130-094-821
			Biotin	100 tests	130-094-824
CD138	B-B4, mouse IgG1	Detection of normal and malignant human plasma cells	PE	100 tests	130-081-301
			APC	100 tests	130-091-250
CD141 (BDCA-3)	AD5-14H12, mouse IgG1	Detection of human CD141 (BDCA-3) ⁺ type-2 myeloid dendritic cells (MDC2s)	FITC	100 tests	130-090-513
			PE	100 tests	130-090-514
			APC	100 tests	130-090-907
			Biotin	100 tests	130-090-749
			pure	100 µg in 1 mL	130-090-694
CD146	541-10B2, mouse IgG1	Detection of endothelial cells, smooth muscle cells, follicular dendritic cells, melanoma cells, and a sub-population of activated T lymphocytes	FITC	100 tests	130-092-851
			PE	100 tests	130-092-853
			APC	100 tests	130-092-849
			Biotin	100 tests	130-092-852
			pure	100 µg in 1 mL	130-092-850
CD154	5C8, mouse IgG2a	Detection of activated human CD4 ⁺ T cells	PE	100 tests	130-092-289
			APC	100 tests	130-092-290
			Biotin	100 tests	130-092-690
CD158a/h (KIR2DL1/DS1)	11PB6, mouse IgG1	Detection of Killer-Immunoglobulin-like receptor (KIR) 2DL1 and -2DS1 on human NK cells and subsets of T cells	FITC	100 tests	130-092-811
			PE	100 tests	130-092-684
			APC	100 tests	130-092-685
			VioBlue	100 tests	NEW 130-095-233
			Biotin	100 tests	130-092-683
CD158b (KIR2DL2/DL3)	DX27, mouse IgG2a	Detection of KIR2DL2 and KIR2DL3 expressing NK and T cells	PE	100 tests	130-092-618
			APC	100 tests	130-092-617
			PerCP	100 tests	130-095-285
			pure	100 µg in 1 mL	130-092-615
			CD158e (KIR3DL1)	DX9, mouse IgG1	Detection of KIR3DL1-expressing NK and T cells
PE	100 tests	130-092-473			
APC	100 tests	130-092-474			
PerCP	100 tests	NEW 130-095-287			
Biotin	100 tests	130-092-475			
VioBlue	100 tests	130-095-234			
pure	100 µg in 1 mL	130-092-555			
CD158e/k (KIR3DL1/DL2)	5.331, mouse IgG1	Detection of Killer-Immunoglobulin-like receptor (KIR) receptor 3DL1 and -3DL2 on human NK cells and subsets of T cells	PE	100 tests	130-095-205
			Biotin	100 tests	130-095-201
			pure	100 µg in 1 mL	130-095-199

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Antibodies - Human (continued)					
CD158i (KIR2DS4)	JJC11.6, mouse IgG1	Detection of KIR2DS4-expressing NK and T cells	PE	100 tests	130-092-680
			APC	100 tests	130-092-681
			Biotin	100 tests	130-092-898
			pure	100 µg in 1 mL	130-092-679
CD161 (NKR-P1A)	191B8, mouse IgG2a	Detection of CD161 (NKR-P1A) on human NK cells and subsets of T cells	FITC	100 tests	130-092-907
			PE	100 tests	130-092-677
			APC	100 tests	130-092-678
			Biotin	100 tests	130-092-906
			pure	100 µg in 1 mL	130-092-676
CD197 (CCR7)	FR11-11E8, mouse IgG1	Detection of chemokine receptor CCR7 on human cells	PE	100 tests	130-093-621
			APC	100 tests	130-093-624
			pure	100 µg in 1 mL	130-093-626
CD203c	FR3-16A11, mouse IgG1	Detection of human basophils and mast cells	PE	100 tests	130-092-343
			APC	100 tests	130-092-344
			Biotin	100 tests	130-092-345
			pure	100 µg in 1 mL	130-092-392
CD206	DCN228, mouse IgG1	Detection of human CD206 ⁺ cells	FITC	100 tests	NEW 130-095-131
			PE	100 tests	NEW 130-095-220
			APC	100 tests	NEW 130-095-217
			Biotin	100 tests	NEW 130-095-214
CD209 (DC-SIGN)	DCN47.5, mouse IgG1	Detection of CD209 (DC-SIGN) on human cells	FITC	100 tests	130-092-873
			PE	100 tests	130-092-869
			APC	100 tests	130-092-871
			Biotin	100 tests	130-092-875
			pure	100 µg in 1 mL	130-092-877
CD226 (DNAM-1)	DX11, mouse IgG1	Detection of DNAM-1 on human NK cells and on subsets of lymphocytes and monocytes	PE	100 tests	130-092-476
			APC	100 tests	130-092-477
			Biotin	100 tests	130-092-478
			pure	100 µg in 1 mL	130-092-479
CD271 (LNGFR)	ME20.4-1.H4, mouse IgG1	Detection of human CD271 (LNGFR) ⁺ cells	FITC ⁷	100 tests	130-091-917
			PE ⁷	100 tests	130-091-885
			APC ⁷	100 tests	130-091-884
			Biotin ⁷	100 tests	130-091-883
CD294 (CRTH2)	BM16, rat IgG2a	Detection of human TH2 cells	PE	100 tests	130-091-238
			Biotin	100 tests	130-091-239
CD303 (BDCA-2)	AC144, mouse IgG1	Detection of human plasmacytoid dendritic cells in blood, lymphoid, and non-lymphoid tissues	FITC ⁷	100 tests	130-090-510
			PE ⁷	100 tests	130-090-511
			APC ⁷	100 tests	130-090-905
			Biotin ⁷	100 tests	130-090-691
			pure ⁷	100 µg in 1 mL	130-090-690
CD304 (BDCA-4/ Neuropilin-1)	AD5-17F6, mouse IgG1	Detection of human plasmacytoid dendritic cells in blood and bone marrow	PE ⁷	100 tests	130-090-533
			APC ⁷	100 tests	130-090-900
			Biotin ⁷	100 tests	130-090-748
			pure ⁷	100 µg in 1 mL	130-090-693

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Antibodies · Human (continued)					
CD309 (VEGFR-2/KDR)	ES8-20E6, mouse IgG1	Detection of CD309 (VEGFR/KDR) on human angioblasts, endothelial progenitor cells, mature endothelial cells and a subset of hematopoietic stem cells	APC	100 tests	130-093-601
			Biotin	100 tests	130-093-603
CD314 (NKG2D)	BAT221, mouse IgG1	Detection of NKG2D on NK cells and subsets of T cells	PE	100 tests	130-092-672
			APC	100 tests	130-092-673
			Biotin	100 tests	130-092-825
			pure	100 µg in 1 mL	130-092-686
CD324 (E-Cadherin)	67A4, mouse IgG1	Characterization of human embryonic stem cells and iPS cells	PE	100 tests ⁴	NEW 130-095-413
			APC	100 tests ⁴	NEW 130-095-412
CD326 (EpCAM)	HEA-125, mouse IgG1	Detection of normal and malignant human epithelial cells	FITC	100 tests	130-080-301
			PE	100 tests	130-091-253
			APC	100 tests	130-091-254
CD335 (NKp46)	9E2, mouse IgG1	Detection of the natural cytotoxicity receptor (NCR) NKp46 on human NK cells	PE	100 tests	130-092-607
			APC	100 tests	130-092-609
			Biotin	100 tests	130-093-399
			pure	100 µg in 1 mL	130-092-608
CD335 (NKp46) – functional grade	9E2, mouse IgG1	Functional grade antibodies for <i>in vitro</i> assays, e.g. NK cell activation	Biotin	100 µg in 1 mL	NEW 130-094-659
			pure	100 µg in 1 mL	NEW 130-094-271
CD336 (NKp44)	2.29, mouse IgG1	Detection of the natural cyto-toxicity receptor (NCR) NKp44 on activated human NK cells	PE	100 tests	130-092-480
			APC	100 tests	130-092-481
			Biotin	100 tests	130-092-482
			pure	100 µg in 1 mL	130-092-556
CD337 (NKp30)	AF29-4D12, mouse IgG1	Detection of the natural cyto-toxicity receptor (NCR) NKp30 on human NK cells	PE	100 tests	130-092-483
			APC	100 tests	130-092-484
			Biotin	100 tests	130-092-553
			pure	100 µg in 1 mL	130-092-554
CD337 (NKp30) – functional grade	AF29-4D12, mouse IgG1	Functional grade antibodies for <i>in vitro</i> assays, e.g. NK cell activation	pure	100 µg in 1 mL	NEW 130-094-272

Kits for cell detection and enumeration · Human

Blood Dendritic Cell Enumeration Kit	Identification and enumeration of dendritic cells and dendritic cell subsets in human whole blood and PBMCs			50 tests ²	130-091-086
				100 tests ²	130-091-324
CD4⁺ RTE Enumeration Kit	Identification and enumeration of CD4 ⁺ Recent Thymic Emigrants from human whole blood or PBMCs			50 tests ³	130-092-055
				100 tests	130-092-056
Treg Detection Kit	Kit for flow cytometric detection of human CD4 ⁺ CD25 ⁺ FoxP3 ⁺ cells		PE	100 tests ⁴	130-094-163
			APC	100 tests ⁴	130-094-158
EPC Enrichment and Enumeration Kit	Enumeration of endothelial progenitor cells based on CD34 ⁺ CD133 ⁺ CD309 (VEGFR-2/KDR) ⁺			20 tests ⁶	130-093-477
Mo-DC Differentiation Inspector	Antibody cocktail for the evaluation of the differentiation stage of monocyte-derived dendritic cells			100 tests	130-093-567
MSC Phenotyping Kit	Identification and phenotyping of cultured mesenchymal stromal cells (MSCs)			50 tests ⁴	130-095-198

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
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MACS Control Cocktails · Human

MC CD3 Pan T Cell Cocktail		For control staining of human T cells after separation with either CD3 MicroBeads or the Pan T Cell Isolation Kit II		50 tests	130-092-881
MC CD4 T Cell Cocktail		For control staining of human T helper cells after separation with either CD4 MicroBeads or the CD4 ⁺ T Cell Isolation Kit II		50 tests	130-092-914
MC CD8 T Cell Cocktail		For control staining of human cytotoxic T cells after separation with either CD8 MicroBeads or the CD8 ⁺ T Cell Isolation Kit		50 tests	130-092-912
MC CD14 Monocyte Cocktail		For control staining of human monocytes after isolation with either CD14 MicroBeads or the CD14 Monocyte Isolation Kit II		50 tests	130-092-859
MC CD19 B Cell Cocktail		For control staining of human B cells after isolation with either CD19 MicroBeads, CD20 MicroBeads, or the B Cell Isolation Kit II		50 tests	130-092-860
MC CD34 Stem Cell Cocktail		For control staining of human stem cells after isolation with either the CD34 MicroBead Kit or the Indirect CD34 MicroBead Kit		50 tests	130-093-427
MC CD34/CD133 Stem Cell Cocktail		For control staining of human stem cells after isolation with the CD133 MicroBead Kit		50 tests	130-092-882

Products for cytokine detection · Human

IFN-α Secretion Assay		Detection Kit	PE	100 tests ⁴	130-094-161
IFN-γ Secretion Assay		Detection Kit	FITC	100 tests ⁴	130-090-433
			PE	100 tests ⁴	130-054-202
			APC	100 tests ⁴	130-090-762
IL-2 Secretion Assay		Detection Kit	PE	100 tests ⁴	130-090-487
			APC	100 tests ⁴	130-090-763
IL-4 Secretion Assay		Detection Kit	PE	100 tests ⁴	130-054-102
IL-5 Secretion Assay		Detection Kit	PE	100 tests ⁴	130-091-623
			APC	100 tests ⁴	130-091-624
IL-10 Secretion Assay		Detection Kit	PE	100 tests ⁴	130-090-434
			APC	100 tests ⁴	130-090-761
IL-12 Secretion Assay		Detection Kit	PE	100 tests ⁴	130-092-124
IL-13 Secretion Assay		Detection Kit	PE	100 tests ⁴	130-093-479
IL-17 Secretion Assay		Detection of viable human IL-17–secreting cells	PE	100 tests	130-094-537
			APC	100 tests	130-094-536
TNF-α Secretion Assay		Detection Kit	PE	100 tests ⁴	130-091-268
			APC	100 tests ⁴	130-091-267
Anti-IFN-α	LT27:295, mouse IgG1	Intracellular staining of IFN-α–producing cells	FITC	100 tests	130-092-600
			PE	100 tests	130-092-601
			APC	100 tests	130-092-602
			pure	100 µg in 1 mL	130-092-604
Anti-IFN-γ	45-15, mouse IgG1	Intracellular staining of IFN-γ–producing cells	FITC	100 tests	130-091-641
			PE	100 tests	130-091-653
			APC	100 tests	130-091-640

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Products for cytokine detection · Human (continued)					
Anti-IL-2	N7.48A, mouse IgG2a	Intracellular staining of IL-2– producing cells	PE	100 tests	130-091-646
			APC	100 tests	130-091-644
Anti-IL-4	7A3-3, mouse IgG1	Intracellular staining of IL-4– producing cells	PE	100 tests	130-091-647
Anti-IL-5	JES1-39D10, rat IgG2a	Intracellular staining of IL-5– producing cells	PE	100 tests	130-091-648
			APC	100 tests	130-091-834
Anti-IL-10	B-T10, mouse IgG2b	Intracellular staining of IL-10– producing cells	PE	100 tests	130-091-643
			APC	100 tests	130-091-642
Anti-IL-12 (p35/p70)	B-T21, mouse IgG1	Intracellular staining of IL-12– producing cells	PE	100 tests	130-093-432
			APC	100 tests	130-093-431
Anti-IL-12 (p40/p70)	8.6, mouse IgG1	Intracellular staining of IL-12– producing cells	PE	100 tests	130-092-774
			APC	100 tests	130-092-775
Anti-IL-13	JES10-5A2.2, rat IgG1	Intracellular staining of IL-13– producing cells	PE	100 tests	130-092-964
Anti-IL-17	CZ8-23G1 Mouse IgG1	Intracellular staining of IL-17A– producing cells	FITC	100 tests	130-094-520
			PE	100 tests	130-094-521
			APC	100 tests	130-094-519
Anti-TNF-α	cA2, human IgG1	Intracellular staining of TNF-α– producing cells	FITC	100 tests	130-091-650
			PE	100 tests	130-091-651
			APC	100 tests	130-091-649
CD154/IFN-γ/CD4 Detection Kit		Kit for intracellular cytokine staining of activated, antigen-specific T cells		100 tests ⁴	130-092-814
CD154/IL-2/CD4 Detection Kit		Kit for intracellular cytokine staining of activated, antigen-specific T cells		100 tests ⁴	130-092-818
CD154/IL-4/CD4 Detection Kit		Kit for intracellular cytokine staining of activated, antigen-specific T cells		100 tests ⁴	130-092-817
CD154/IL-5/CD4 Detection Kit		Kit for intracellular cytokine staining of activated, antigen-specific T cells		100 tests ⁴	130-092-812
CD154/TNF-α/CD4 Detection Kit		Kit for intracellular cytokine staining of activated, antigen-specific T cells		100 tests ⁴	130-092-813

Tumor cell detection kits · Human

CD326 (EpCAM) Tumor Cell Enrichment and Detection Kit		Positive selection of human HEA (EpCAM) ⁺ epithelial tumor cells followed by immunocytochemical staining of intracellular cytokeratins		20 tests ⁵	130-090-500
ErbB-2 Tumor Cell Enrichment and Detection Kit		Positive selection of human ErbB-2 ⁺ (HER-2/neu ⁺) epithelial tumor cells followed by immunocytochemical staining of intracellular cytokeratins		20 tests ⁵	130-090-499
Carcinoma Cell Detection Kit		Detection of cytokeratin-expressing human epithelial tumor cells		100 tests ⁴	130-090-463
Carcinoma Cell Enrichment and Detection Kit – Immunocytochemistry		Positive selection and subsequent detection of human cytokeratin- expressing epithelial tumor cells		up to 60 tests ⁵	130-060-301
Melanoma Cell Enrichment and Detection Kit		Enrichment of and immunocyto- chemical detection of melanoma cells		20 tests ⁵	130-090-523

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Mouse IgG1 – isotype control antibodies	IS5-21F5, mouse IgG1	Flow cytometric analysis of human cells	FITC	100 tests	130-092-213
			PE	100 tests	130-092-212
			APC	100 tests	130-092-214
			Biotin	100 tests	130-093-018
			VioBlue	100 tests	130-094-670
			PerCP	100 tests	130-094-968
Mouse IgG2a – isotype control antibodies	S43.10, mouse IgG2a	Flow cytometric analysis of human cells	FITC	100 tests	130-091-837
			PE	100 tests	130-091-835
			APC	100 tests	130-091-836
			VioBlue	100 tests	130-094-671
			PerCP	100 tests	130-094-967
Mouse IgG2b – isotype control antibodies	IS6-11E5.11, mouse IgG2b	Flow cytometric analysis of human cells	FITC	100 tests	130-092-216
			PE	100 tests	130-092-215
			APC	100 tests	130-092-217
			Biotin	100 tests	130-092-466
Mouse IgM – isotype control antibodies	IS5-20C4, mouse IgM	Flow cytometric analysis of human cells	FITC	100 tests	130-093-178
			PE	100 tests	130-093-177
			APC	100 tests	130-093-176
			Biotin	100 tests	130-093-175

Antibodies • Non-human primate

Anti-FoxP3	3G3, mouse IgG1	Intracellular staining of FoxP3 ⁺ human, mouse, or non-human primate cells	PE	100 tests	130-093-014
			APC	100 tests	130-093-013
Anti-HLA-DR	AC122, mouse IgG2a	Detection of antigen-presenting cells	FITC	100 tests	NEW 130-095-295
			PE	100 tests	NEW 130-095-298
			APC	100 tests	NEW 130-095-297
			VioBlue	100 tests	NEW 130-095-293
			PerCP	100 tests	NEW 130-095-291
Anti-Igλ Light Chain	IS7-24C7, mouse IgG1	Detection of immunoglobulins with λ light chains	FITC	100 tests	130-093-040
			PE	100 tests	130-093-039
			APC	100 tests	130-093-038
			Biotin	100 tests	130-093-025
			pure	100 µg in 1 mL	130-093-024
Anti-iNKT	6B11, mouse IgG1	Detection of human invariant NKT cells expressing the T cell receptor Va24-Ja18 combined with Vβ11	PE	100 tests	130-094-838
			APC	100 tests	130-094-839
			Biotin	100 tests	130-094-841
Anti-iNKT – functional grade	6B11, mouse IgG1	Specific activation and expansion of iNKT cells	pure	100 µg in 1 mL	130-094-865
Anti-NKp80	4A4.D10, mouse IgG1	Detection of NKp80 (KLRF1), expressed on all human NK cells and a small subset of T cells	FITC	100 tests	130-094-843
			PE	100 tests	130-094-844
			APC	100 tests	130-094-845
			Biotin	100 tests	130-095-114
			pure	100 µg in 1 mL	130-094-846

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Antibodies - Non-human primate (continued)					
Anti-KIR2D	NKVFS1, mouse IgG1	Detection of KIR receptors on non-human primate NK cells	PE	100 tests	130-092-688
			APC	100 tests	130-092-687
			Biotin	100 tests	130-092-904
			pure	100 µg in 1 mL	130-092-689
CD1c (BDCA-1)	AD5-8E7, mouse IgG2a	Detection of myeloid non-human primate blood dendritic cells	FITC ⁷	100 tests	130-090-507
			PE	100 tests	130-090-508
			APC	100 tests	130-090-903
			Biotin ⁷	100 tests	130-090-692
			pure ⁷	100 µg in 1 mL	130-090-695
CD2	LT2, mouse IgG2b	Detection of non-human primate T and NK cells	PE	100 tests	130-091-115
CD2 – functional grade	LT2, mouse IgG2b	Functional grade antibody for T cell activation and expansion	Biotin	100 µg in 1 mL	130-093-376
CD3	10D12, mouse IgG1	Detection of CD3 ⁺ non-human primate cells	PE ⁷	100 tests	130-092-009
			APC ⁷	100 tests	130-091-998
			Biotin ⁷	100 tests	130-092-008
CD4	M-T466, mouse IgG1	Detection of non-human primate T helper cells	FITC	100 tests	130-080-501
			PE	100 tests	130-091-231
			APC	100 tests	130-091-232
CD6	M-T411, mouse IgG1	Detection of CD6 ⁺ non-human primate cells	FITC ⁷	100 tests	130-091-482
			PE	100 tests	130-091-233
			APC	100 tests	130-091-234
CD8	BW135/80, mouse IgG2a	Detection of CD8 ⁺ non-human primate cells	FITC	100 tests	130-080-601
			PE	100 tests	130-091-084
			APC	100 tests	130-091-076
			VioBlue	100 tests	130-094-152
			PerCP	100 tests	130-094-972
CD11b	M1/70.15.11.5, rat IgG2b	Detection of CD11b ⁺ non-human primate cells	FITC	100 tests	130-081-201
			PE	100 tests	130-091-240
			APC	100 tests	130-091-241
CD14	TÜK4, mouse IgG2a	Detection of non-human primate monocytes	FITC	100 tests	130-080-701
			PE	100 tests	130-091-242
			APC	100 tests	130-091-243
			VioBlue	100 tests	130-094-364
			PerCP	100 tests	130-094-969
CD16	VEP13, mouse IgM	Detection of CD16 ⁺ non-human primate cells	FITC	100 tests	130-091-244
			PE	100 tests	130-091-245
			APC	100 tests	130-091-246
CD20	LT20, mouse IgG1	Detection of non-human primate B cells	FITC	100 tests	130-091-108
			PE	100 tests	130-091-109
			VioBlue	100 tests	130-094-167
			PerCP	100 tests	130-094-976
CD25	4E3, mouse IgG2b	Detection of CD25 ⁺ non-human primate cells	PE	100 tests	130-091-024
			APC	100 tests	130-092-858
			Biotin	100 tests	130-091-235

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Antibodies - Non-human primate (continued)					
CD27	M-T271, mouse IgG1	Detection of CD27 on non-human primate T, B, and NK cells	FITC	100 tests	130-093-184
			PE	100 tests	130-093-185
			APC	100 tests	130-093-186
			Biotin	100 tests	130-093-196
CD28	15E8, mouse IgG1	Detection of CD28 on non-human primate leukocytes	PE	100 tests	130-092-921
			APC	100 tests	130-092-923
			Biotin	100 tests	130-092-955
CD28 – functional grade	15E8, mouse IgG1	Functional grade antibody for T cell activation and expansion	Biotin	100 µg in 1 mL	130-093-386
			pure	100 µg in 1 mL	130-093-375
CD31	AC128, mouse IgG1	Detection of CD31 on non-human primate cells	FITC	100 tests	130-092-654
			PE	100 tests	130-092-653
			APC	100 tests	130-092-652
CD33	AC104.3E3, mouse IgG1	Detection of non-human primate myeloid cells	PE	100 tests	130-091-732
			APC7	100 tests	130-091-731
CD39	MZ18-23C8, mouse IgG1	Detection of CD39 ⁺ regulatory T cells and other CD39-expressing cells	FITC	100 tests	130-093-502
			PE	100 tests	130-093-503
			APC	100 tests	130-093-504
			Biotin	100 tests	130-093-505
CD40	HB14, mouse IgG1	Detection of CD40 on B cells, macrophages, follicular dendritic cells, and a subset of peripheral T cells	PE	100 tests	130-094-135
			APC	100 tests	130-094-137
			Biotin	100 tests	130-094-142
CD40 – functional grade	HB14, mouse IgG1	Unconjugated antibody for blocking of CD40-CD154 interaction	pure	100 µg in 1 mL	130-094-133
CD45	MB4-6D6, mouse IgG1	Detection of non-human primate leukocytes	FITC	100 tests	130-091-898
			PE	100 tests	130-091-897
			APC	100 tests	130-091-900
			Biotin	100 tests	130-091-901
CD45RA	T6D11, mouse IgG2b	Detection of non-human primate CD45RA ⁺ cells	FITC	100 tests	130-092-247
			PE	100 tests	130-092-248
			APC	100 tests	130-092-249
			VioBlue	100 tests	NEW 130-095-464
			PerCP	100 tests	NEW 130-095-466
CD49d	MZ18-24A9, Mouse IgG2b	Detection of CD49d on non-human primate cells	FITC	100 tests	130-093-283
			PE	100 tests	130-093-282
			APC	100 tests	130-093-281
			Biotin	100 tests	130-093-280
			pure	100 µg in 1 mL	130-093-279
CD56	AF12-7H3, mouse IgG1	Detection of CD56 ⁺ non-human primate cells	PE7	100 tests	130-090-755
			APC7	100 tests	130-090-843
			pure7	50 µg in 1 mL	130-090-955
CD61	Y2/51, mouse IgG1	Detection of non-human primate megakaryocytes and platelets	PE	100 tests	130-081-501

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Antibodies · Non-human primate (continued)					
CD66abce	TET2, mouse IgG2b	Detection of CD66abce expression on non-human primate granulocytes	FITC	100 tests	130-093-132
			PE	100 tests	130-093-133
			APC	100 tests	130-093-155
			Biotin	100 tests	130-093-156
CD69	FN50, mouse IgG1	Detection of CD69 ⁺ non-human primate cells	FITC	100 tests	130-092-166
			PE	100 tests	130-092-160
			APC	100 tests	130-092-159
			Biotin	100 tests	130-092-161
CD86	FM95, mouse IgG1	Detection of CD86 ⁺ monocytes, monitoring of DC maturation	FITC	100 tests	130-094-878
			PE	100 tests	130-094-877
			APC	100 tests	130-094-876
CD95	DX2, mouse IgG1	Detection of CD95 on non-human primate cells	FITC	100 tests	130-092-415
			PE	100 tests	130-092-416
			APC	100 tests	130-092-417
			Biotin	100 tests	130-092-418
CD127	MB15-18C9, mouse IgG2a	Detection of human CD127 ⁺ T cells, e.g. memory CD8 T cell precursors or CD127 ⁻ regulatory T cells	FITC	100 tests	130-094-888
			PE	100 tests	130-094-889
			APC	100 tests	130-094-890
			Biotin	100 tests	130-094-891
			pure	100 µg in 1 mL	130-094-942
CD137	4B4-1, mouse IgG1	Detection of activated antigen-specific CD137 ⁺ T cells	PE	100 tests	130-093-475
			APC	100 tests	130-094-821
			Biotin	100 tests	130-094-824
CD154	5C8, mouse IgG2a	Detection of activated CD4 ⁺ T cells	PE	100 tests	130-092-289
			APC	100 tests	130-092-290
			Biotin	100 tests	130-092-690
CD226 (DNAM-1)	DX11, mouse IgG1	Detection of DNAM-1 on non-human primate cells	PE	100 tests	130-092-476
			APC	100 tests	130-092-477
			Biotin	100 tests	130-092-478
			pure	100 µg in 1 mL	130-092-479
CD314 (NKG2D)	BAT221, mouse IgG1	Detection of NKG2D ⁺ non-human primate cells	PE	100 tests	130-092-672
			APC	100 tests	130-092-673
			Biotin	100 tests	130-092-825
			pure	100 µg in 1 mL	130-092-686
CD337 (NKp30)	AF29-4D12, mouse IgG1	Detection of CD337 (NKp30) on non-human primate cells	PE	100 tests	130-092-483
			APC	100 tests	130-092-484
			Biotin	100 tests	130-092-553
			pure	100 µg in 1 mL	130-092-554
CD337 (NKp30) – functional grade	AF29-4D12, mouse IgG1	Functional grade antibodies for <i>in vitro</i> assays, e.g. NK cell activation	pure	100 µg in 1 mL	NEW 130-094-272

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
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Products for cytokine detection · Non-human primate

Anti-IFN-γ	45-15, mouse IgG1	Intracellular staining of IFN-γ– producing cells	FITC	100 tests	130-091-641
			PE	100 tests	130-091-653
			APC	100 tests	130-091-640
Anti-IL-2	N748A, mouse IgG2a	Intracellular staining of IL-2– producing cells	PE	100 tests	130-091-646
			APC	100 tests	130-091-644
Anti-IL-4	7A3-3, mouse IgG1	Intracellular staining of IL-4– producing cells	PE	100 tests	130-091-647
Anti-IL-5	JES1-39D10, rat IgG2a	Intracellular staining of IL-5– producing cells	PE	100 tests	130-091-648
			APC	100 tests	130-091-834
Anti-IL-10	B-T10, mouse IgG2b	Intracellular staining of IL-10– producing cells	PE	100 tests	130-091-643
			APC	100 tests	130-091-642
Anti-IL-12 (p40/p70)	8.6, mouse IgG1	Intracellular staining of IL-12– producing cells	PE	100 tests	130-092-774
			APC	100 tests	130-092-775
Anti-IL-13	JES10-5A2.2, rat IgG1	Intracellular staining of IL-13– producing cells	PE	100 tests	130-092-964
Anti-IL-17	CZ8-23G1 Mouse IgG1	Intracellular staining of IL-17A– producing cells	FITC	100 tests	130-094-520
			PE	100 tests	130-094-521
			APC	100 tests	130-094-519

Antibodies · Mouse

Anti-A2B5	105-HB29, mouse IgM	Detection of A2B5 ⁺ glial-restricted precursor cells in human, mouse, or rat	PE	100 tests ⁴	130-093-581
			APC	100 tests ⁴	130-093-582
			Biotin	100 tests ⁴	130-093-393
			pure	100 µg in 1 mL	130-093-394
Anti-DCAR1	SKa5-3D5, rat IgG2b	Detection of mouse DCAR1 ⁺ cells	PE	100 tests	NEW 130-095-317
			APC	100 tests	NEW 130-095-320
			Biotin	100 tests	NEW 130-095-315
Anti-DCIR2	33D1, rat IgG2b	Detection of mouse DCIR2 ⁺ cells	PE	100 tests	NEW 130-095-188
			APC	100 tests	NEW 130-095-190
			Biotin	100 tests	NEW 130-095-181
Anti-Dectin-2	KVα7-6E7, rat IgG2a	Staining of Dectin-2 ⁺ mouse cells, detection of mouse Dectin-2 by immunoblot analysis	FITC	100 tests	130-094-480
			pure	100 µg in 1 mL	130-094-481
Anti-DO11.10 TCR	KJ1-26, mouse IgG2a	Detection of transgenic T cells of DO11.10 mice	FITC	100 tests	NEW 130-095-306
			PE	100 tests	NEW 130-095-309
			APC	100 tests	NEW 130-095-311
			VioBlue	100 tests	NEW 130-095-313
			Biotin	100 tests	NEW 130-095-304
Anti-DO11.10 TCR – functional grade	KJ1-26, mouse IgG2a	Blocking of antigen responses of transgenic T cells of DO11.10 mice	pure	1 mg in 0.5 mL	NEW 130-095-379
Anti-FoxP3	3G3, mouse IgG1	Intracellular staining of FoxP3 ⁺ human, mouse, or non-human primate cells	PE	100 tests	130-093-014
			APC	100 tests	130-093-013
Anti-GITR	DTA-1, rat IgG2b	Detection of mouse regulatory T cells and activated T cells	PE	100 tests	130-092-469
			APC	100 tests	130-092-470
			pure	100 µg in 1 mL	130-092-630
Anti-GITR – functional grade	DTA-1, rat IgG2b	<i>In vivo</i> and <i>in vitro</i> functional assays	pure	100 µg in 1 mL	130-092-655
				1 mg in 0.5 mL	130-092-656

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Antibodies - Mouse (continued)					
Anti-GLAST (ACSA-1)	ACSA-1, mouse IgG2a	Identification of GLAST ⁺ astrocytes	PE	100 tests ⁴	NEW 130-095-821
			APC	100 tests ⁴	NEW 130-095-814
			Biotin	100 tests ⁴	NEW 130-095-815
			pure	100 µg in 1 mL	NEW 130-095-822
Anti-Gr-1	RB6-8C5, rat IgG2b	Detection of mouse granulocytes and plasmacytoid dendritic cells	FITC	100 tests	130-091-934
			PE	100 tests	130-091-932
			APC	100 tests	130-091-931
			VioBlue	100 tests	130-094-362
			PerCP	100 tests	NEW 130-094-958
			Biotin	100 tests	130-091-930
Anti-H-2K^k	H100-27.R55, mouse IgG2a	Detection of H-2K ^k -positive mouse cells or evaluation of cells transfected with pMACS K ^k .II	FITC	100 tests	130-085-101
			PE	100 tests	130-094-867
			APC	100 tests	130-094-873
Anti-IgG1	X-56, rat IgG1	Detection of cells expressing surface IgG1, e.g., mouse memory B cells. Staining of cells labelled with a primary mouse antibody of IgG1 isotype	FITC	100 tests	NEW 130-095-897
			PE	100 tests	NEW 130-095-900
			APC	100 tests	NEW 130-095-902
			Biotin	100 tests	NEW 130-095-879
Anti-IgG2ab	X-57, rat IgG1	Detection of cells expressing surface IgG2a and b, e.g., mouse memory B cells. Staining of cells labelled with a primary mouse antibody of IgG2a and b isotype	FITC	100 tests	NEW 130-095-875
			PE	100 tests	NEW 130-095-877
			APC	100 tests	NEW 130-095-880
			Biotin	100 tests	NEW 130-095-881
Anti-IgM	X-54, rat IgG2a	Detection of IgM ⁺ mouse B cells, staining of cells labeled with a primary antibody of mouse IgM isotype	FITC	100 tests	NEW 130-095-906
			PE	100 tests	NEW 130-095-908
			APC	100 tests	NEW 130-095-910
			Biotin	100 tests	NEW 130-095-904
Anti-Ly-6C	1G7.G10, rat IgG2a	Detection of mouse plasmacytoid dendritic cells as well as monocyte and memory T cells	FITC	100 tests	130-093-134
			PE	100 tests	130-093-135
			APC	100 tests	130-093-136
			Biotin	100 tests	130-093-137
Anti-Ly-6G	1A8, rat IgG2a	Detection of mouse granulocytes	FITC	100 tests	130-093-138
			PE	100 tests	130-093-139
			APC	100 tests	130-093-140
			Biotin	100 tests	130-093-141
Anti-MHC Class II	M5/114.15.2, rat IgG2b	Detection of mouse antigen-presenting cells	FITC	100 tests	130-081-601
			PE	100 tests	130-091-368
			APC	100 tests	130-091-806
Anti-NK1.1	PK136, mouse IgG2a	Detection of mouse NK cells	PE	100 tests	NEW 130-095-867
			APC	100 tests	NEW 130-095-869
			Biotin	100 tests	NEW 130-095-865
Anti-NKp46	29A1.4 rat IgG2a	Detection of NKp46 ⁺ mouse NK cells	FITC	100 tests	130-095-115
			PE	100 tests	130-095-116
			APC	100 tests	130-095-119
			Biotin	100 tests	130-095-117
			pure	100 µg/ 1 mL	130-095-118

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Antibodies - Mouse (continued)					
Anti-mPDCA-1	JF05-1C2.4.1, rat IgG2b	Detection of mouse plasmacytoid dendritic cells from different tissues	FITC	100 tests	130-091-961
			PE	100 tests	130-091-962
			APC	100 tests	130-091-963
			Biotin	100 tests	130-091-964
			pure	100 µg in 1 mL	130-091-979
Anti-mPDCA-1 – functional grade	JF05-1C2.4.1, rat IgG2b	<i>In vivo</i> depletion of mouse plasmacytoid dendritic cells	pure	1 mg in 0.5 mL	130-091-978
				8 mg in 4 mL	130-092-550
Anti-Prominin-1	MB9-3G8, rat IgG1	Detection of mouse prominin-1 ⁺ cells	PE	100 tests	130-092-334
			APC	100 tests	130-092-335
			Biotin	100 tests	130-092-441
			pure	100 µg in 1 mL	130-092-442
Anti-PSA-NCAM	2-2B, mouse IgM	Detection of PSA-NCAM ⁺ neuronal-restricted precursor human, mouse, and rat cells	PE	100 tests ⁴	130-093-274
			APC	100 tests ⁴	130-093-273
Anti-Ter119	Ter-119, rat IgG2b	Detection of mouse erythrocytes	FITC	100 tests	130-091-786
			PE	100 tests	130-091-783
			APC	100 tests	130-091-788
Anti-Sca-1	D7, rat IgG2a	Detection of Sca-1 ⁺ mouse cells	FITC	100 tests	130-093-222
			PE	100 tests	130-093-224
			APC	100 tests	130-093-223
			Biotin	100 tests	130-093-421
Anti-Siglec-H	551.3D3, rat IgG1	Identification and enumeration of mouse Siglec-H ⁺ PDCs	PE	100 tests	130-093-508
			ACP	100 tests	130-093-509
			Biotin	100 tests	130-093-510
CD3ε	145-2C11, hamster IgG1	Detection of mouse T cells	FITC	100 tests	130-092-962
			PE	100 tests	130-092-976
			APC	100 tests	130-092-977
			Biotin	100 tests	130-093-021
CD3ε – functional grade	145-2C11, hamster IgG1	Functional grade antibody for T cell activation and expansion	Biotin	100 µg in 1 mL	130-093-179
			pure	500 µg in 1 mL	130-092-973
CD4	GK1.5, rat IgG2b	Detection of mouse T helper cells	FITC	100 tests	130-091-608
			PE	100 tests	130-091-607
			APC	100 tests	130-091-611
CD8a	53-6.7, rat IgG2a	Detection of mouse cytotoxic T cells	FITC	100 tests	130-091-605
			PE	100 tests	130-091-603
			APC	100 tests	130-091-606
			VioBlue	100 tests	130-094-360
			PerCP	100 tests	NEW 130-094-960
CD11b	M1/70.15.11.5, rat IgG2b	Detection of mouse and human monocytes and macrophages	FITC	100 tests	130-081-201
			PE	100 tests	130-091-240
			APC	100 tests	130-091-241
CD11c	N418, hamster IgG	Detection of mouse dendritic cells	FITC	100 tests	130-091-842
			PE	100 tests	130-091-830
			APC	100 tests	130-091-844

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Antibodies - Mouse (continued)					
CD16/32	93, rat IgG2a	Detection of CD16 and CD32 Fc receptors on mouse cells	PE	100 tests	130-092-572
			APC	100 tests	130-092-573
			Biotin	100 tests	130-092-570
			pure	100 µg in 1 mL	130-092-574
CD19	6D5, rat IgG2a	Detection of mouse B cells	FITC7	100 tests	130-092-042
			PE	100 tests	130-092-041
			APC	100 tests	130-092-039
CD25	7D4, rat IgM	Detection of mouse regulatory T cells, and activated T and B cells	PE	100 tests	130-091-013
			APC	100 tests	130-093-734
			Biotin	100 tests	130-092-569
CD28	37.1, hamster IgG2	Detection of CD28 on mouse leukocytes	PE	100 tests	130-093-180
			Biotin	100 tests	130-093-181
CD28 – functional grade	37.1, hamster IgG2	Functional grade antibody for T cell activation and expansion	Biotin	100 µg in 1 mL	130-093-183
			pure	100 µg in 1 mL	130-093-182
CD40	FGK.45.5, rat IgG2a	Detection of CD40 expression on mouse B cells, macrophages, and dendritic cells	PE	100 tests	130-092-848
			APC	100 tests	130-092-847
			Biotin	100 tests	130-092-846
CD40 – functional grade	FGK.45.5, rat IgG2a	<i>In vivo</i> and <i>in vitro</i> stimulation of mouse CD40-expressing cells	pure	100 µg in 1 mL	130-093-022
			pure	1 mg in 0.5 mL	130-093-023
CD43	L11, rat IgG2a	Detection of mouse CD43 ⁺ cells and identification of CD43 ⁻ resting B cells	PE	100 tests	130-091-585
			APC	100 tests	130-091-581
CD45	30F11, rat IgG2b	Detection of mouse leukocytes	FITC	100 tests	130-091-609
			PE	100 tests	130-091-610
			APC	100 tests	130-091-811
			VioBlue	100 tests	130-092-910
			PerCP	100 tests	130-094-962
CD45R (B220)	RA3-6B2, rat IgG2a	Detection of mouse B cells	FITC	100 tests	130-091-829
			PE	100 tests	130-091-828
			APC	100 tests	130-091-843
			VioBlue	100 tests	130-094-287
			PerCP	100 tests	130-094-966
CD49b (DX5)	DX5, rat IgM	Detection of mouse NK cells	FITC	100 tests	130-091-814
			PE	100 tests	130-091-816
			APC	100 tests	130-091-813
CD62L	MEL14-H2.100, rat IgG2a	Detection of mouse L-selectin-expressing cells	FITC7	100 tests	130-091-792
			PE	100 tests	130-091-794
			APC	100 tests	130-091-805
CD81	Eat2, hamster IgG1	Detection of CD81 on astrocytes, oligodendrocytes, microglia, endothelial, epithelial and hemopoietic cells	FITC	100 tests ⁴	130-094-864
			PE	100 tests ⁴	130-094-863
			APC	100 tests ⁴	130-094-887
			Biotin	100 tests ⁴	130-094-862
CD90.1	His51, mouse IgG2a	Detection of mouse and rat CD90.1 ⁺ cells	FITC	100 tests	130-094-527
			PE	100 tests	130-094-528
			APC	100 tests	130-094-525
			Biotin	100 tests	130-094-526
			VioBlue	100 tests	130-094-588
			pure	100 µg in 1 mL	130-094-524

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Antibodies · Mouse (continued)					
CD90.2	30-H12, rat IgG2b	Detection of mouse T cells	FITC	100 tests	130-091-602
			PE	100 tests	130-091-601
			APC	100 tests	130-091-790
			VioBlue	100 tests	130-094-361
			PerCP	100 tests	130-094-959
CD105	MJ7/18, rat IgG2a	Detection of CD105 ⁺ mouse cells	PE	100 tests	130-092-929
			APC	100 tests	130-092-930
			Biotin	100 tests	130-092-927
			pure	100 µg in 1 mL	130-092-926
CD117	3C1, rat IgG2b	Detection of mouse CD117 (c-kit) ⁺ stem cells	PE	100 tests	130-091-730
			APC	100 tests	130-091-729
CD127	A7R34, rat IgG2a	Detection of CD127 ⁺ cells, e.g. effector memory T cells	PE	100 tests	130-094-577
			Biotin	100 tests	130-094-583
CD127 – functional grade	A7R34, rat IgG2a	The pure, unconjugated antibody can be used <i>in vitro</i> and <i>in vivo</i> for blocking of IL-7 binding to its receptor	pure	1 mg in 0.5 mL	130-094-828
CD146 (LSEC)	ME-9F1, rat IgG2a	Detection of mouse liver sinusoidal endothelial cells	FITC	100 tests	130-092-026
			Biotin	100 tests	130-092-025
CD154	MR1, hamster IgG3	Detection of activated mouse T helper cells	PE	100 tests	130-092-106
			APC	100 tests	130-092-105
			Biotin	100 tests	130-092-104
CD205 (DEC205)	NLDC145, rat IgG2a	Detection of mouse CD8 ⁺ conventional DCs	PE	100 tests	130-092-286
			APC	100 tests	130-092-285
			Biotin	100 tests	130-092-468
CD279 (PD-1)	HA2-7B1, rat IgG2b	Detection of PD-1 ⁺ mouse cells	PE	100 tests	NEW 130-094-783
			APC	100 tests	NEW 130-094-782
			Biotin	100 tests	NEW 130-094-779
CD279 (PD-1) – functional grade	HA2-7B1, rat IgG2b	Functional grade antibody for blocking of binding of PD-1 to its ligands	pure	500 µg in 1 mL	NEW 130-094-944

Kits for cell detection and enumeration · Mouse

CD154 Detection Cocktail	Identification of activated, antigen-specific mouse CD4 ⁺ T cells	PE	100 tests ⁴	130-093-084
		APC	100 tests ⁴	130-093-083
Lineage Cell Detection Cocktail	Labeling of lineage ⁺ cells from mouse bone marrow	Biotin	100 tests ⁴	130-092-613
Treg Detection Kit	Kit for flow cytometric detection of mouse CD4 ⁺ CD25 ⁺ FoxP3 ⁺ cells	PE	50 tests ⁴	130-094-165
		APC	100 tests ⁴	130-094-164

MACS Control Cocktails · Mouse

MC CD4 T Cell Cocktail	Evaluation of MACS Cell Separations using the CD4 ⁺ T Cell Isolation Kit, mouse, or CD4 (L3T4) MicroBeads, mouse	50 tests	130-092-916
MC CD8a T Cell Cocktail	Evaluation of MACS Cell Separations using the CD8a ⁺ T Cell Isolation Kit, mouse, or CD8a (Ly-2) MicroBeads, mouse	50 tests	130-092-915
MC CD19 B Cell Cocktail	Evaluation of MACS Cell Separations using the B Cell Isolation Kit, mouse, or CD19 MicroBeads, mouse	50 tests	130-092-864
MC CD90.2 T Cell Cocktail	Evaluation of MACS Cell Separations using the Pan T Cell Isolation Kit, mouse, or CD90.2 MicroBeads, mouse	50 tests	130-092-862

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
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Products for cytokine detection - Mouse

IFN-γ Secretion Assay		Detection Kit	PE	100 tests ⁴	130-090-516
			APC	100 tests ⁴	130-090-984
IL-2 Secretion Assay		Detection Kit	PE	100 tests ⁴	130-090-491
			APC	100 tests ⁴	130-090-987
IL-4 Secretion Assay		Detection Kit	PE	100 tests ⁴	130-090-479
IL-5 Secretion Assay		Detection Kit	PE	100 tests ⁴	130-091-166
			APC	100 tests ⁴	130-091-174
IL-10 Secretion Assay		Detection Kit	PE	100 tests ⁴	130-090-489
			APC	100 tests ⁴	130-090-939
IL-17 Secretion Assay		Detection Kit	PE	100 tests ⁴	130-094-205
			APC	100 tests ⁴	130-094-207
Anti-IFN-γ	AN18.17.24, rat IgG	Intracellular staining of IFN- γ -producing cells	PE	100 tests	130-092-346
			APC	100 tests	130-092-347
Anti-IL-2	JES6-5H4, rat IgG2b	Intracellular staining of IL-2-producing cells	PE	100 tests	130-092-302
			APC	100 tests	130-092-303
ANTI-IL-4	BVD4-1D11, rat IgG2b	Intracellular staining of IL-4-producing mouse cells	PE	100 tests	NEW 130-095-715
			APC	100 tests	NEW 130-095-711
ANTI-IL-4 – functional grade	BVD4-1D11, rat IgG2b	Functional grade antibody, e.g. for neutralization of IL-4 activity	pure	500 μ g in 0.5 mL	NEW 130-095-709
ANTI-IL-5	TRFK-5, rat IgG1	Intracellular staining of IL-5-producing mouse cells	PE	100 tests	NEW 130-095-710
			APC	100 tests	NEW 130-095-705
ANTI-IL-5 – functional grade	TRFK-5, rat IgG1	Functional grade antibody, e.g. for neutralization of IL-5 activity	pure	500 μ g in 0.5 mL	NEW 130-095-712
ANTI-IL-10	JES5-16E3, rat IgG2b	Intracellular staining of IL-10-producing mouse cells	PE	100 tests	NEW 130-095-840
			APC	100 tests	NEW 130-095-843
ANTI-IL-10 – functional grade	JES5-16E3, rat IgG2b	Functional grade antibody, e.g. for neutralization of IL-10 activity	pure	500 μ g in 0.5 mL	NEW 130-095-845
Anti-IL-17A	TC11-18H10, rat IgG1	Intracellular staining of IL-17-producing cells	FITC	100 tests	130-094-298
			PE	100 tests	130-094-296
			APC	100 tests	130-094-294
Anti-TNF-α	MP6-XT22, rat IgG1	Intracellular staining of TNF- α -producing cells	FITC	100 tests	130-092-244
			PE	100 tests	130-092-245
			APC	100 tests	130-092-246

Antibodies - Rat

Anti-A2B5	105-HB29, mouse IgM	Detection of A2B5 ⁺ glial-restricted precursor cells in human, mouse, or rat	PE	100 tests ⁴	130-093-581
			APC	100 tests ⁴	130-093-582
			Biotin	100 tests ⁴	130-093-393
			pure	100 μ g in 1 mL	130-093-394
Anti-GLAST (ACSA-1)	ACSA-1, mouse IgG2a	Identification of GLAST ⁺ astrocytes	PE	100 tests ⁴	NEW 130-095-821
			APC	100 tests ⁴	NEW 130-095-814
			Biotin	100 tests ⁴	NEW 130-095-815
			pure	100 μ g in 1 mL	NEW 130-095-822
Anti-PSA-NCAM	2-2B, mouse IgM	Detection of PSA-NCAM ⁺ neuronal-restricted precursor human, mouse, and rat cells	PE	100 tests ⁴	130-093-274
			APC	100 tests ⁴	130-093-273

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Antibodies - Rat (continued)					
CD81	Eat2, hamster IgG1	Detection of CD81 on astrocytes, oligodendrocytes, microglia, endothelial, epithelial and hemopoietic cells	FITC	100 tests ⁴	130-094-864
			PE	100 tests ⁴	130-094-863
			APC	100 tests ⁴	130-094-887
			Biotin	100 tests ⁴	130-094-862
CD90.1	His51, mouse IgG2a	Detection of mouse and rat CD90.1 ⁺ cells	FITC	100 tests	130-094-527
			PE	100 tests	130-094-528
			APC	100 tests	130-094-525
			Biotin	100 tests	130-094-526
			VioBlue	100 tests	130-094-588
		pure	100 µg in 1 mL	130-094-524	

Indirect staining/other

MACS Annexin V-FITC Kit		Detection of apoptotic, necrotic, and dead cells	FITC	up to 100 tests ⁴	130-092-052
Annexin-V		Detection of Annexin-V positive cells, e.g. apoptotic, necrotic, and dead cells	FITC	100 tests ⁴	130-093-060
			Biotin	100 tests ⁴	130-092-773
Annexin-V Binding Buffer (20x)		Stock solution		25 mL	130-092-820
Propidium Iodide Solution		Dead cell detection		2 mL	130-093-233
Fixation and Dead Cell Discrimination Kit		Flow cytometric dead cell exclusion in combination with cell fixation		100 tests	130-091-163
One-Step Antibody Biotinylation Kit		Small-scale biotinylation of antibodies for subsequent cell separation or flow cytometry		8 reactions	130-093-385
Anti-Biotin	Bio3-18E7, mouse IgG1	Fluorescent staining of cells labeled with biotinylated primary antibodies	FITC	100 tests	130-090-857
			PE	100 tests	130-090-756
			APC	100 tests	130-090-856
			VioBlue	100 tests	130-094-669
			PerCP	100 tests	130-094-974
Anti-Biotin	Bio3-18E7, mouse IgG1	Immunohistochemical detection of biotinylated primary antibodies	Alkaline Phosphatase	1 mL	130-092-612
Anti-IgG1	X-56, rat IgG1	Staining of cells labelled with a primary mouse antibody of IgG1 isotype. Detection of cells expressing surface IgG1	FITC	100 tests	NEW 130-095-897
			PE	100 tests	NEW 130-095-900
			APC	100 tests	NEW 130-095-902
			Biotin	100 tests	NEW 130-095-879
Anti-IgG2ab	X-57, rat IgG1	Staining of cells labelled with a primary mouse antibody of IgG2a and b isotype. Detection of cells expressing surface IgG2a and b	FITC	100 tests	NEW 130-095-875
			PE	100 tests	NEW 130-095-877
			APC	100 tests	NEW 130-095-880
			Biotin	100 tests	NEW 130-095-881
Anti-IgM	X-54, rat IgG2a	Staining of cells labeled with a primary antibody of mouse IgM isotype. Detection of IgM ⁺ mouse B cells	FITC	100 tests	NEW 130-095-906
			PE	100 tests	NEW 130-095-908
			APC	100 tests	NEW 130-095-910
			Biotin	100 tests	NEW 130-095-904
FASER Kits		Fluorescence amplification	FITC	100 tests	130-091-763
			PE	100 tests	130-091-764
			APC	100 tests	130-091-762

Product	Clone Isotype	Brief description	Conjugate	Capacity ^{1/} content	Order no.
Indirect staining/other (continued)					
FoxP3 Staining Buffer Set		Optimized buffers for intracellular staining of cells with Anti-FoxP3 antibodies		100 tests	130-093-142
Inside Stain Kit		Fixation and permeabilization of cells for intracellular staining with small staining volumes and minimal cell loss		up to 50 tests	130-090-477
FcR Blocking Reagent, human		Blocking of Fc receptor-mediated binding to human/non-human primate cells		2 mL	130-059-901
FcR Blocking Reagent, mouse		Blocking of Fc receptor-mediated binding to mouse cells		1 mL	130-092-575
MACS Comp Reagent, human		Routine compensation of flow cytometers	PE	100 tests ⁴	130-092-671
			APC	100 tests ⁴	130-092-669
MACS Comp Reagent, mouse		Routine compensation of flow cytometers	PE	100 tests ⁴	130-092-670
			APC	100 tests ⁴	130-092-668
MACS Comp Mouse Igk Reagent		Routine compensation of flow cytometers, suited for any given fluorochrome conjugated to mouse antibodies with kappa light chains		100 tests ⁴	130-094-548
MACSQuant Calibration Beads		Routine calibration of the MACSQuant Analyzer		5 mL	130-093-607
Red Blood Cell Lysis Solution (10×)		Lysis of human or rodent erythrocytes		50 mL	130-094-183

Isolation and analysis of epitope-tagged proteins

Anti-c-myc	Detection of c-myc tagged proteins by immunofluorescence analysis	FITC	1 mL	130-092-472
		Biotin	1 mL	130-092-471
		Western blotting	HRP	100 µL
Anti-HA	Detection of HA-tagged proteins by immunofluorescence analysis	FITC	100 tests	130-092-256
		PE	100 tests	130-092-257
		Biotin	100 tests	130-092-258
		Western blotting	HRP	100 µL
Anti-His	Detection of HA-tagged proteins by immunofluorescence analysis	FITC	100 tests	130-092-675
		PE	100 tests	130-092-691
		Biotin	100 tests	130-092-692
		Western blotting	HRP	100 µL
Anti-GFP	Western blotting	HRP	100 µL	130-091-833

REMARKS

¹ One test corresponds to labeling of up to 10⁷ cells in a total volume of 100 µL.

² One test corresponds to labeling of 2 × 300 µL whole blood or 2 × 10⁶ PBMCs.

³ One test corresponds to labeling of 2 × 100 µL whole blood or 2 × 10⁶ PBMCs.

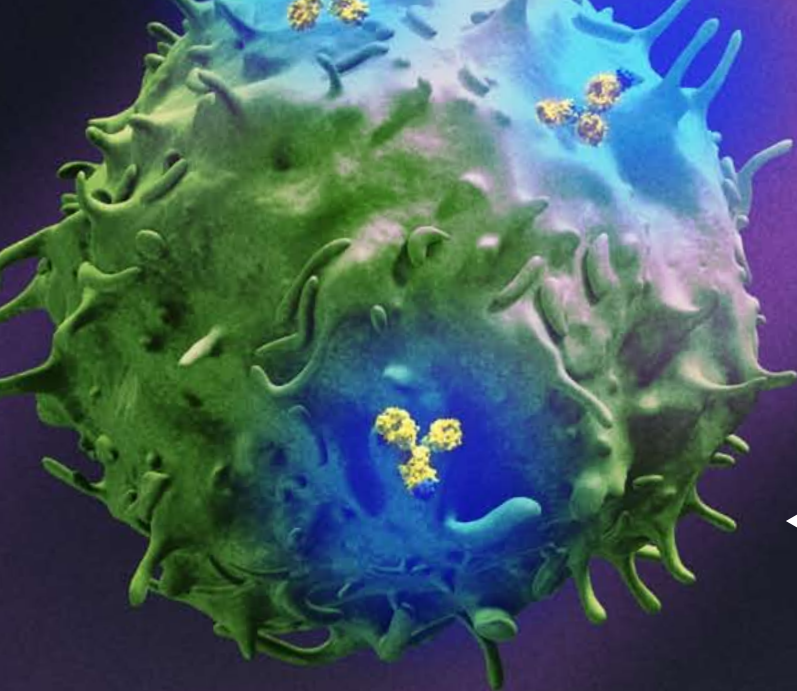
⁴ One test corresponds to the analysis of 1 × 10⁶ total cells.

⁵ One test corresponds to the analysis of 5 × 10⁷ total cells.

⁶ One test corresponds to 20.5 mL whole blood, cord blood, or bone marrow or to 2 × 10⁸ white blood cells for leukapheresis product.

⁷ Not recommended for cells that are labeled with MACS MicroBeads using the same antigen.

All products must be stored at 2–8 °C unless otherwise stated.



◀ Leukocyte labeled by a fluorochrome-conjugated antibody analyzed by flow cytometry using the MACSQuant® Analyzer.
www.macsquant.com



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