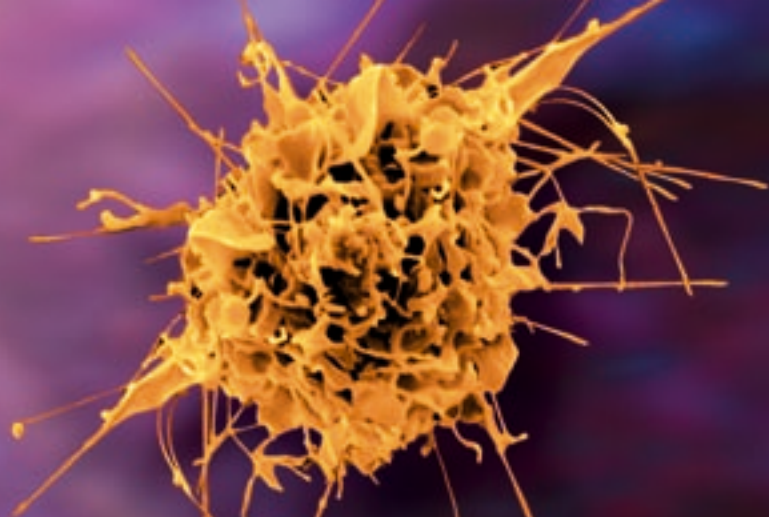




Miltenyi Biotec



## MACS® Products for dendritic cell and monocyte research

For evaluation of specific functions of dendritic cells (DCs), Miltenyi Biotec offers an outstanding portfolio of products for direct identification, specific isolation, and downstream analysis of human, mouse, non-human primate, and rat DCs.

Kits and reagents for isolation of DCs and DC subsets based on the renowned MACS® Technology and a wide panel of specific fluorochrome- and biotin-conjugated or pure antibodies is now available for flow cytometric analysis, fluorescence microscopy, or immunohistochemistry.

### Antibodies for cell analysis: Human cells

Product	Clone, isotype	Conjugate	Capacity	Order no.
Anti-PTK7 (CCK-4)	188B, mouse IgG2a	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)	DD-1, mouse IgM	FITC	100 tests	130-093-027
		PE	100 tests	130-093-029
		APC	100 tests	130-093-031
		Biotin	100 tests	130-093-033
Blood Dendritic Cell Enumeration Kit			50 tests	130-091-086
			2x50 tests	130-091-324
Mo-DC Differentiation Inspector			100 tests	130-093-567
CD1c (BDCA-1)	AD5-8E7, mouse IgG2a	FITC	100 tests	130-090-507
		PE	100 tests	130-090-508
		APC	100 tests	130-090-903
		Biotin	100 tests	130-090-692
CD11c	MJ4-27G12, mouse IgG2b	pure	100 µg in 1 mL	130-090-695
		FITC	100 tests	130-092-410
		PE	100 tests	130-092-411
		APC	100 tests	130-092-412
CD14	TÜK4, mouse IgG2a	Biotin	100 tests	130-092-413
		pure	100 µg in 1 mL	130-092-414
		FITC	100 tests	130-080-701
		PE	100 tests	130-091-242
CD16	VEP13, mouse IgM	APC	100 tests	130-091-243
		FITC	100 tests	130-091-244
		PE	100 tests	130-091-245
		APC	100 tests	130-091-246

## Antibodies for cell analysis: Human cells

Product	Clone, isotype	Conjugate	Capacity	Order no.
CD34	AC136, mouse IgG2a	FITC	100 tests	130-081-001
		PE	100 tests	130-081-002
		APC	100 tests	130-090-954
CD40	HB14, mouse IgG1	PE	100 tests	130-094-135
		APC	100 tests	130-094-137
		Biotin	100 tests	130-094-142
CD40 - functional grade	HB14, mouse IgG1	pure	100 µg in 1 mL	130-094-133
CD83	HB15, mouse IgG1	PE	100 tests	130-094-181
		APC	100 tests	130-094-186
		Biotin	100 tests	130-094-177
CD123	AC145, mouse IgG2a	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
CD141 (BDCA-3)	AD5-14H12, mouse IgG1	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
CD197 (CCR7)	FR11-11E8, mouse IgG1	PE	100 tests	130-093-621
		APC	100 tests	130-093-624
		pure	100 µg in 1 mL	130-093-626
CD209 (DC-SIGN)	DCN47.5, mouse IgG1	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
CD303 (BDCA-2)	AC144, mouse IgG1	FITC	100 tests	130-090-510
		PE	100 tests	130-090-511
		APC	100 tests	130-090-905
		Biotin	100 tests	130-090-691
		pure	100 µg in 1 mL	130-090-690
CD304 (BDCA-4/Neutopilin-1)	AD5-17F6, mouse IgG1	PE	100 tests	130-090-533
		APC	100 tests	130-090-900
		Biotin	100 tests	130-090-748
		pure	100 µg in 1 mL	130-090-693
CD336 (NKp44)	2.29, mouse IgG1	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

## Antibodies for cell analysis: Non-human primate cells

Product	Clone, isotype	Conjugate	Capacity	Order no.
CD1c (BDCA-1)	AD5-8E7, mouse IgG2a	FITC	100 tests	130-090-507
		PE	100 tests	130-090-508
		APC	100 tests	130-090-903
		Biotin	100 tests	130-090-692
		pure	100 µg in 1 mL	130-090-695

## Antibodies for cell analysis: Mouse cells

Product	Clone, isotype	Conjugate	Capacity	Order no.
Anti-Dectin-2	KVα/-6E7, rat IgG2a	FITC	100 tests	130-094-480
		pure	100 µg in 1 mL	130-094-481
Anti-Gr-1	RB6-8C5, rat IgG2b	FITC	100 tests	130-091-934
		PE	100 tests	130-091-932
		APC	100 tests	130-091-931
		Biotin	100 tests	130-091-930
Anti-Ly-6C	1G7.G10, rat IgG2a	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-MHC Class II	M5/114.15.2, rat IgG2b	FITC	100 tests	130-081-601
		PE	100 tests	130-091-368
		APC	100 tests	130-091-806
Anti-mPDCA-1	JF05-1C2.4.1, rat IgG2b	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	pure	1 mg in 0.5 mL	130-091-978
		pure	8 mg in 4 mL	130-092-550
CD4	GK1.5, rat IgG2b	FITC	100 tests	130-091-608
		PE	100 tests	130-091-607
		APC	100 tests	130-091-611
CD8a	53-6.7, rat IgG2a	FITC	100 tests	130-091-605
		PE	100 tests	130-091-603
		APC	100 tests	130-091-606
CD11b	M1/70.15.11.5, rat IgG2b	FITC	100 tests	130-081-201
		PE	100 tests	130-091-240
		APC	100 tests	130-091-241
CD11c	N418, hamster IgG	FITC	100 tests	130-091-842
		PE	100 tests	130-091-830
		APC	100 tests	130-091-844
CD40	FGK45.5, rat IgG2a	PE	100 tests	130-092-848
		APC	100 tests	130-092-847
		Biotin	100 tests	130-092-846
CD40 - functional grade	FGK45.5, rat IgG2a	pure	100 µg in 1 mL	130-093-022
		pure	1 mg in 0.5 mL	130-093-023
CD45R (B220)	RA3-6B2, rat IgG2a	FITC	100 tests	130-091-829
		PE	100 tests	130-091-828
		APC	100 tests	130-091-843
CD205 (DEC205)	NLDC-145, rat IgG2a	PE	100 tests	130-092-286
		APC	100 tests	130-092-285
		Biotin	100 tests	130-092-468

## Products for cell separation: Human cells

Product	Capacity	Order no.
Anti-PTK7 (CCK-4) MicroBead Kit	2×10 <sup>9</sup> total cells	130-091-367
Blood Dendritic Cell Isolation Kit II	2×10 <sup>9</sup> total cells	130-091-379
CD1a MicroBeads	10 <sup>9</sup> total cells	130-051-001
CD1c (BDCA-1) <sup>+</sup> Dendritic Cell Isolation Kit	2×10 <sup>9</sup> total cells	130-090-506

## Products for cell separation: Human cells

Product	Capacity	Order no.
CD14 MicroBeads	10 <sup>9</sup> total cells	130-050-201
CD16 <sup>+</sup> Monocyte Isolation Kit	2×10 <sup>9</sup> total cells	130-091-765
CD34 MicroBead Kit	2×10 <sup>9</sup> total cells	130-046-702
CD141 (BDCA-3) MicroBead Kit	2×10 <sup>9</sup> total cells	130-090-512
CD209 (DC-SIGN) MicroBead Kit	2×10 <sup>9</sup> total cells	130-092-868
CD303 (BDCA-2) MicroBead Kit	10 <sup>9</sup> total cells	130-090-509
CD304 (BDCA-4/Neuropilin-1) MicroBead Kit	2×10 <sup>9</sup> total cells	130-090-532
Diamond Plasmacytoid Dendritic Cell Isolation Kit	2×10 <sup>9</sup> total cells	130-092-402
Monocyte Isolation Kit II	2×10 <sup>9</sup> total cells	130-091-153
Myeloid Dendritic Cell Isolation Kit	2×10 <sup>9</sup> total cells	130-094-487
Plasmacytoid Dendritic Cell Isolation Kit	2×10 <sup>9</sup> total cells	130-092-207
Slan (M-DC8) <sup>+</sup> Monocyte Isolation Kit	2×10 <sup>9</sup> total cells	130-093-026
Whole Blood CD14 MicroBeads	for 40 mL whole blood	130-090-879

## Products for cell separation: Non-human primate cells

Product	Capacity	Order no.
CD1c (BDCA-1) <sup>+</sup> Dendritic Cell Isolation Kit	10 <sup>9</sup> total cells	130-091-878
CD14 MicroBeads	10 <sup>9</sup> total cells	130-091-097

## Products for cell separation: Mouse cells

Product	Capacity	Order no.
Anti-mPDCA-1 MicroBeads	2×10 <sup>9</sup> total cells	130-091-965
CD4 <sup>+</sup> Dendritic Cell Isolation Kit	2×10 <sup>9</sup> total cells	130-091-262
CD8 <sup>+</sup> Dendritic Cell Isolation Kit	2×10 <sup>9</sup> total cells	130-091-169
CD11c MicroBeads	2×10 <sup>9</sup> total cells	130-052-001
Pan DC MicroBeads	2×10 <sup>9</sup> total cells	130-092-465
Plasmacytoid Dendritic Cell Isolation Kit II	2×10 <sup>9</sup> total cells	130-092-786

## Products for cell separation: Rat cells

Product	Capacity	Order no.
Anti-DC (OX62) MicroBeads	10 <sup>9</sup> total cells	130-090-663



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