

# CD Marker Antibodies

## Simple Labels for Complex Cellular Programs

**B Lymphocytes**  
**T Lymphocytes**  
**Dendritic Cells**  
**NK Cells**  
**Monocytes & Macrophages**  
**Granulocytes**

**Erythrocytes**  
**Megakaryocytes**  
**Stem Cells**  
**Neuronal Cells**  
**Endothelial Cells**  
**Epithelial Cells**

## Conjugates for Leukocyte Differentiation Antigens

The use of CD marker antibodies is burgeoning with the need to characterize stem cell populations as well as to discriminate established cell lineages. Abbiotec offers an expanding collection of polyclonal and monoclonal antibodies covering over 100 different CD markers. Most hybridoma clones are well-characterized in the literature, whereas the polyclonal antibodies have been recently generated against defined human peptide sequences. These products are available in fluorochrome- and enzyme-conjugated formats for your convenience in flow cytometry and immunohistochemical applications.

<b>B Lymphocytes</b>	AID, BTLA, CD1, 5, 6, 9, 10, 11, 15, 17, 18, 19, 20, 21, 22, 24, 25, 40, 43, 45, 49d, 52, 58, 79a, 86, 99
<b>T Lymphocytes</b>	BTLA, CCR7, CD1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 15, 16b, 18, 25, 29, 38, 44, 45RA, 49d, 52, 58, 62L, 99, 152, 154, 246, FoxP3
<b>Dendritic Cells</b>	CCR7, CD1a, 11c, 19, 35, 40, 45, 45RA, 49d, 49e, 53, 58, 86, 304
<b>NK Cells</b>	CD3, 11b, 16a, 56, 57, 99R, 221
<b>Monocytes &amp; Macrophages</b>	CD11b, 13, 14, 33, 49d, 54, 68, 86, 89, 120b, 192, 220, 221, HLA-DP/DQ, TLR2, TLR4
<b>Granulocytes</b>	CD13, 15, 16b, 31, 33, 66b, 120b, 220, 221
<b>Erythrocytes</b>	CD35, 44, 71, 147, 235a, 235b
<b>Megakaryocytes</b>	CD9, 31, 41, 42, 49e, 51, 61, 62P
<b>Hemato/Embryo Stem Cells</b>	c-Met, CD34, 90, 117, 133, 243, 324
<b>Neuronal Cells</b>	CD90, 138, 143, 166, Neuropilin
<b>Endothelial Cells</b>	CD9, 13, 15, 16, 17, 29, 31, 34, 54, 61, 62E, 105, 106, 140, 144
<b>Epithelial Cells</b>	CD9, 10, 13, 17, 21, 24, 29, 44R, 167a, 324, 332, 334

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Abbiotec offers a large library of unique antibodies targeted against high value druggable proteins. Our aim is to eventually build the most comprehensive and valuable library of antibodies and related reagents that target the estimated 4,000 human disease proteins. Abbiotec will also offer various complementary kits and solutions in the areas of genomics, proteomics, cell and tissue culture, and areas important for studies in functional genomics, signaling pathways, immunology, cancer, and brain disorders.

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 San Diego, CA 92126 USA

Mouse Monoclonal	UNIT	CAT. No.
CD1a (HI149) Antibody	pur/FITC/PE	0.1 mg 250932
CD2 (HIT11) Antibody	pur/FITC/PE	0.1 mg 250933
CD3 (HIT3a) Antibody	pur/FITC/PE	0.1 mg 250934
CD3 (HIT3b) Antibody	pur/FITC/PE	0.1 mg 250935
CD3 Antibody		0.1 mg 251722
CD4 (HIT4a) Antibody	pur/FITC/PE	0.1 mg 250936
CD4 (HIT4c) Antibody	pur/FITC/PE	0.1 mg 250937
CD4 Antibody		0.1 mg 251723
CD5 (HISM2) Antibody	pur/FITC/PE	0.1 mg 250938
CD6 (HI210) Antibody	pur/FITC/PE	0.1 mg 250939
CD7 (HIT7) Antibody	pur/FITC/PE	0.1 mg 250940
CD8 (HIT8a) Antibody	pur/FITC/PE	0.1 mg 250941
CD8 Antibody		0.1 mg 251724
CD9 (HI9a) Antibody	pur/FITC/PE	0.1 mg 250942
CD10 (HI10a) Antibody	pur/FITC/PE	0.1 mg 250943
CD11a (HI111) Antibody	pur/FITC/PE	0.1 mg 250944
CD11b (HI11b) Antibody	pur/FITC/PE	0.1 mg 250945
CD13 (WM15) Antibody	pur/PE	0.1 mg 250946
CD14 (HI221) Antibody	pur/FITC	0.1 mg 250947
CD15 (HI98) Antibody	pur/FITC/PE	0.1 mg 250948
CD16 (HI16a) Antibody	pur/FITC/PE	0.1 mg 250949
CD18 (HI18a) Antibody	pur/FITC/PE	0.1 mg 250950
CD19 (HIB19) Antibody	pur/FITC/PE	0.1 mg 250951
CD20 (HI20a) Antibody	pur/FITC	0.1 mg 250953
CD20 (HI47) Antibody	pur/PE	0.1 mg 250952
CD21 (HI21a) Antibody	pur/FITC	0.1 mg 250954
CD22 (HIB22) Antibody	pur/FITC/PE	0.1 mg 250955
CD25 (HI25a) Antibody	pur/FITC/PE	0.1 mg 250957
CD29 (HI29a) Antibody	pur/FITC/PE	0.1 mg 250958
CD33 (HIM3-4) Antibody	pur/FITC/PE	0.1 mg 250959
CD35 Antibody		0.1 mg 250117
CD38 (HIT2) Antibody	pur/FITC/PE	0.1 mg 250960
CD40 (HI40a) Antibody	pur/FITC/PE	0.1 mg 250961
CD41 (HIP11) Antibody		0.1 mg 250965
CD41 (HIP2) Antibody		0.1 mg 250963
CD41 (HIP7) Antibody		0.1 mg 250964
CD41 (HIP8) Antibody	pur/FITC/PE	0.1 mg 250962
CD42b (HIP1) Antibody	pur/FITC/PE	0.1 mg 250966
CD43 (HI161) Antibody		0.1 mg 250967
CD44 (HI44a) Antibody	pur/FITC	0.1 mg 250968
CD45 (HI30) Antibody	pur/FITC/PE	0.1 mg 250969
CD45RA (HI100) Antibody	pur/FITC/PE	0.1 mg 250970
CD52 (HI186) Antibody	pur/FITC/PE	0.1 mg 250971
CD53 (HI29) Antibody	pur/FITC/PE	0.1 mg 250972
CD55 (HI55a) Antibody	pur/PE	0.1 mg 252279
CD56 (B-A19) Antibody	pur/FITC/PE	0.1 mg 250973
CD57 (HI57a) Antibody	pur/PE	0.1 mg 250974
CD58 (HI58a) Antibody	pur/FITC/PE	0.1 mg 250975
CD62E (HI62E) Antibody		0.1 mg 250976
CD62L (HI62L) Antibody	pur/FITC/PE	0.1 mg 250977
CD62P (HI62P) Antibody	pur/FITC/PE	0.1 mg 250978
CD66e Antibody		0.1 mg 251730
CD71 (HI166) Antibody	pur/FITC/PE	0.1 mg 250979
CD89 Antibody		0.1 mg 250124
CD89 Antibody		0.1 mg 250125
CD99 (HI156) Antibody	pur/FITC/PE	0.1 mg 250980
CD99R (HIT4) Antibody	pur/FITC/PE	0.1 mg 250981
CD147 (HI197) Antibody	pur/FITC/PE	0.1 mg 250982
CD227 Antibody		0.1 mg 251746
CD235a (HI264) Antibody	pur/FITC/PE	0.1 mg 250983
CD235ab (HIR2) Antibody	pur/PE	0.1 mg 250984
HLA-DP (HI43) Antibody	pur/FITC	0.1 mg 250986
HLA-DQ (HI118) Antibody	pur/FITC/PE	0.1 mg 250985
N-cadherin Antibody		0.1 mg 251774
NCAM-1 Antibody		0.1 mg 251775
TNF-R2 Antibody		0.1 mg 250107
VEGFR2 Antibody		0.1 mg 251747

Mouse Polyclonal	UNIT	CAT. No.
CD4 Antibody		0.1 mg 251201
CD8 Antibody		0.1 mg 251206
CD10 Antibody		0.1 mg 251209
Leptin Receptor (long) Antibody		0.1 mg 250738

Rabbit Polyclonal	UNIT	CAT. No.
ABCG2 Antibody		0.1 mg 251613
ACE Antibody		0.1 mg 250450
ADAM10 Antibody		0.1 mg 251974
ALK Antibody		0.1 mg 250469
Alpha-1 Integrin Antibody		0.1 mg 251866
Alpha-3 Integrin Antibody		0.1 mg 251177
Alpha-4 Integrin Antibody		0.1 mg 251867
Alpha-5 Integrin Antibody		0.1 mg 250731
BCRP Antibody		0.1 mg 250556
Beta-1 Integrin Antibody		0.1 mg 251162
Beta-2 Integrin Antibody		0.1 mg 251165
BMPRI1A Antibody		0.1 mg 200151
CA15-3 Antibody		0.1 mg 251607
CCR-2 Antibody		0.1 mg 250580
CD3 Antibody	pur/HRP/FITC	0.1 mg 250588
CD4 Antibody	pur/HRP/FITC	0.1 mg 250592
CD5 Antibody		0.1 mg 251483
CD8 Antibody	pur/HRP/FITC	0.1 mg 250596
CD10 Antibody		0.1 mg 251180
CD11b Antibody		0.1 mg 251389
CD14 Antibody		0.1 mg 251561
CD17 Antibody		0.1 mg 251551
CD19 Antibody	pur/HRP/FITC	0.1 mg 250585

Rabbit Polyclonal (continued)	UNIT	CAT. No.
CD20 Antibody	pur/HRP/FITC	0.1 mg 250586
CD24 Antibody		0.1 mg 251181
CD25 Antibody		0.1 mg 251220
CD28 Antibody		0.1 mg 251660
CD31 (N-term) Antibody	pur/HRP/FITC	0.1 mg 250589
CD31 Antibody	pur/HRP/FITC	0.1 mg 250590
CD34 Antibody	pur/HRP/FITC	0.1 mg 250591
CD36 Antibody		0.1 mg 251471
CD40 Antibody		0.1 mg 251840
CD40-L Antibody		0.1 mg 251649
CD44 Antibody		0.1 mg 251174
CD44 Antibody		0.1 mg 251842
CD45 Antibody		0.1 mg 251175
CD49c Antibody		0.1 mg 251428
CD49d Antibody		0.1 mg 250730
CD54 Antibody	pur/HRP/FITC	0.1 mg 250593
CD61 Antibody		0.1 mg 250732
CD62E Antibody		0.1 mg 251635
CD62L Antibody		0.1 mg 251408
CD62P Antibody		0.1 mg 251211
CD68 Antibody	pur/HRP/FITC	0.1 mg 250594
CD71 Antibody		0.1 mg 251844
CD79a Antibody	pur/HRP/FITC	0.1 mg 250595
CD86 Antibody		0.1 mg 251407
CD90 Antibody		0.1 mg 251285
CD98LC Antibody		0.1 mg 252179
CD102 Antibody		0.1 mg 251626
CD103 Antibody		0.1 mg 251636
CD105 Antibody		0.1 mg 251222
CD120a TNF-R1 Antibody		0.1 mg 251904
CD133 Antibody		0.1 mg 251149
CD138 Antibody		0.1 mg 251671
CD144 Antibody		0.1 mg 251361
CD147 Antibody	pur/HRP/FITC	0.1 mg 250583
CD152 Antibody		0.1 mg 251548
CD166 Antibody		0.1 mg 251619
CD167a Antibody	pur/HRP/FITC	0.1 mg 250584
CD183 Antibody		0.1 mg 251386
CD184 Antibody		0.1 mg 251387
CD191 Antibody		0.1 mg 251538
CD193 Antibody		0.1 mg 251536
CD194 Antibody		0.1 mg 251537
CD195 Antibody		0.1 mg 251837
CD197 Antibody		0.1 mg 251667
CD225 Antibody		0.1 mg 251403
CD227 Antibody		0.1 mg 251392
CD272 Antibody	pur/HRP/FITC	0.1 mg 250587
CD274 Antibody		0.1 mg 251474
CD326 Antibody		0.1 mg 251617
CD2AP Antibody		0.1 mg 251169
CEA Antibody		0.1 mg 250598
CEACam8 Antibody		0.1 mg 250599
c-Kit Antibody		0.1 mg 252131
CXCR2 Antibody		0.1 mg 251850
Dcr2/TRAIL-R4 Antibody		0.1 mg 251953
DDR1 Antibody		0.1 mg 200112
DR4/TRAIL-R1 Antibody		0.1 mg 251233
E-cadherin Antibody		0.1 mg 200134
Fas ligand Antibody		0.1 mg 252227
FGFR2 Antibody		0.1 mg 200106
FGFR3 Antibody		0.1 mg 251664
FGFR4 Antibody		0.1 mg 200107
Fibronectin receptor Antibody		0.1 mg 251680
HLA-DR Antibody		0.1 mg 251566
ICAM-1 Antibody		0.1 mg 252212
IGF1R Antibody		0.1 mg 200109
INSR Antibody		0.1 mg 200110
Insulin Receptor Antibody		0.1 mg 250721
Insulin Receptor-alpha Antibody		0.1 mg 250722
Insulin Receptor-beta Antibody		0.1 mg 250724
Integrin Alpha-V Beta-3 Antibody		0.1 mg 251672
KIT Antibody		0.1 mg 200111
LEP-R Antibody		0.1 mg 252113
Leptin Receptor (Goat) Antibody		0.1 mg 250737
Leptin Receptor (long) Antibody		0.1 mg 250739
N-cadherin Antibody		0.1 mg 251541
NCAM-1 Antibody		0.1 mg 251304
NGFR Antibody		0.1 mg 252087
NRP1 Antibody		0.1 mg 250788
PDGFRA Antibody		0.1 mg 200170
P-glycoprotein Antibody		0.1 mg 250820
Prominin-1 Antibody		0.1 mg 200100
RANK Antibody		0.1 mg 251954
RANKL Antibody		0.1 mg 251263
Siglec-1 Antibody		0.1 mg 251297
Siglec-2 Antibody		0.1 mg 251839
Thrombomodulin Antibody		0.1 mg 251178
TIE-2 Antibody		0.1 mg 251663
TLR2 Antibody		0.1 mg 251110
TLR4 Antibody		0.1 mg 251111
TLR5 Antibody		0.1 mg 251565
TNFRSF13B Antibody		0.1 mg 251955
TNFRSF17 Antibody		0.1 mg 251956
TRAF3 Antibody		0.1 mg 251554
TRAIL Antibody		0.1 mg 251582
TRAIL Antibody		0.1 mg 252074
TYRO10 Antibody		0.1 mg 200131
VCAM-1 Antibody		0.1 mg 250906

Pur/FITC/PE: antibody available in purified, FITC- and PE-conjugated formats