

CD11b/PE Conjugated antibody

Catalog No: #C00620P

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Description

Product Name	CD11b/PE Conjugated antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	FCM IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 50-100 1152 derived from human CD11b
Conjugates	PE
Target Name	CD11b, CD11c
Other Names	CR3A; MO1A; CD11B; MAC-1; MAC1A; SLEB6; Integrin alpha-M; CD11 antigen-like family member B; CR-3 alpha chain; Cell surface glycoprotein MAC-1 subunit alpha; Leukocyte adhesion receptor MO1; Neutrophil adherence receptor; ITGAM
Accession No.	Swiss-Prot#P11215NCBI Gene ID3684
Uniprot	P11215
GeneID	3684;
Excitation Emission	480,565nm 578nm
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

Application Details

FCM: 1:20-100

IF=1:50-200

Background

Integrin alpha-M beta-2 is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles. It is identical with CR-3, the receptor for the iC3b fragment of the third complement component. It probably recognizes the R-G-D peptide in C3b. Integrin alpha-M beta-2 is also a receptor for fibrinogen, factor X and ICAM1. It recognizes P1 and P2 peptides of fibrinogen gamma chain.

Note: This product is for in vitro research use only