

Rat anti-Mouse CD18 Monoclonal Antibody | anti-CD18 antibody

Purified Anti-Mouse CD18 Monoclonal Antibody

CATALOG # AAA174050	HOST Rat	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD18; Monoclonal Antibody; Purified Anti-Mouse CD18 Monoclonal Antibody; Integrin beta-2; Itgb2; Cell surface adhesion glycoproteins LFA-1/CR3/p150+95 subunit beta; Complement receptor C3 subunit beta; anti-CD18 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG2a, k
Clone Number	M18/2
Form/Format	Liquid; PBS with 0.05% Proclin 300
Concentration	0.5 mg/mL (varies by lot)
Sequence Length	770
Applicable Applications for anti-CD18 antibody	FCM/FACS (Flow Cytometry)
Conjugation	Unconjugated
Cellular Localization	Membrane
Isotype Control	Purified Rat IgG2a, k Isotype Control [2A3] [Product]
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Keep as concentrated solution. Store at 2~8 degree C. Do not freeze.

ADDITIONAL INFORMATION

Related Product Information for anti-CD18 antibody	CD18 is a 95 kD protein, also known as integrin β 2 subunit. It is expressed on all leukocytes. CD18, in association with integrin alpha chain CD11a, CD11b, and CD11c forms LFA-1, Mac-1, and α X β 2, respectively, and plays an important role in leukocytes adhesion. The CD18 integrin complexes bind ICAM-1 (CD54), ICAM-2 (CD102), ICAM-3 (CD50), iC3b, and fibrinogen.
References	1. Barclay AN, et al. 1997. The Leukocyte Antigen FactsBook Academic Press. 2. Anderson DC, et al. 1987. Annu. Rev. Med. 38:175. 3. Wilson RW, et al. 1993. J. Immunol. 151:1571.

NCBI AND UNIPROT INFORMATION

NCBI GI #	111607447
NCBI GeneID	16414
NCBI Accession #	NP_032430.2

NCBI GenBank Nucleotide #	NM_008404.5
UniProt Accession #	P11835 ; Q64482
NCBI Official Full Name	integrin beta-2 isoform 1
NCBI Official Synonym Full Names	integrin beta 2
NCBI Official Symbol	Itgb2
NCBI Official Synonym Symbols	2E6; LAD; Cd18; Lfa1; MF17; LCAMB; AI528527
NCBI Protein Information	integrin beta-2
UniProt Protein Name	Integrin beta-2
UniProt Gene Name	Itgb2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd18-antibody-clone-m18-2-flow-cytometry-elisa/174050>