

Mouse anti-Human, Mouse CD18 Antibody | anti-CD18 antibody

CD18 Antibody

CATALOG # AAA108735	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence
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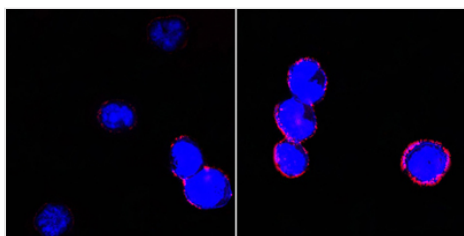
PRODUCT SYNONYMS

CD18; CD18 Antibody; LAD; MF17; LCAMB; LFA-1; ITGB2; anti-CD18 antibody

PRODUCT SPECIFICATIONS

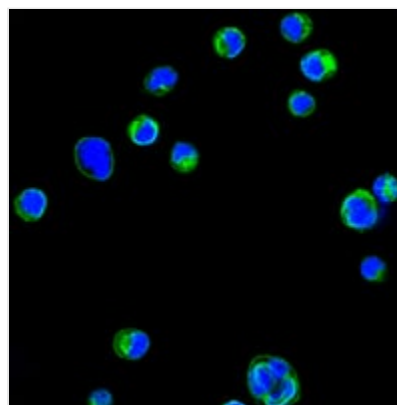
Host	Mouse
Reactivity	Human, Mouse
Isotype	IgG1
Clone Number	10E12
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	769
Applicable Applications for anti-CD18 antibody	ELISA, IF (Immunofluorescence)
Immunogen	Purified recombinant fragment of CD18 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



IF (Immunofluorescence)

Figure 2. Confocal immunofluorescence analysis of BCBL-1 cells (left) and L1210 cells (right) using CD18 mouse mAb (red). Blue. DRAQ5 fluorescent DNA dye.



IF (Immunofluorescence)

Figure 1. Confocal immunofluorescence analysis of HL60 cells using CD18 mouse mAb (green). Blue. DRAQ5 fluorescent DNA dye.

ADDITIONAL INFORMATION

Related Product Information for anti-CD18 antibody	CD18, also known as ITGB2 (integrin beta chain beta 2). Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. For example, beta 2 combines with the alpha L chain to form the integrin LFA-1, and combines with the alpha M chain to form the integrin Mac-1. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling. CD18 is expressed by most leucocytes. Defects in this gene are the cause of leukocyte adhesion deficiency type I (LAD1). Two transcript variants encoding the same protein have been identified for this gene.
Product Categories/Family for anti-CD18 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	89191865
NCBI GeneID	3689
NCBI Accession #	NP_000202.2
NCBI GenBank Nucleotide #	NM_000211.3
UniProt Accession #	P05107 ; Q16418 ; Q53HS5 ; Q9UD72 ; B3KTS8 ; D3DSM1
Molecular Weight	85kDa
NCBI Official Full Name	integrin beta-2
NCBI Official Synonym Full Names	integrin subunit beta 2
NCBI Official Symbol	ITGB2
NCBI Official Synonym Symbols	LAD; CD18; MF17; MFI7; LCAMB; LFA-1; MAC-1
NCBI Protein Information	integrin beta-2
UniProt Protein Name	Integrin beta-2
UniProt Gene Name	ITGB2
UniProt Synonym Gene Names	CD18; MFI7

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-human-mouse-antibody/cd18/108735>