

Mouse anti-Human, Mouse CD11b/ITAM Monoclonal Antibody | anti-CD11b/ITAM antibody

CD11b/ITAM Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311980	Mouse	Human, Mouse	Flow Cytometry, Functional Assay, Immunofluorescence, Immunoprecipitation

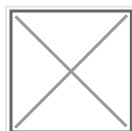
PRODUCT SYNONYMS

CD11b/ITAM; Monoclonal Antibody; CD11b/ITAM Antibody; antigen CD11b (p170) antibody; Antigen CD11b p170 antibody; CD11 antigen like family member B antibody; CD11 antigen-like family member B antibody; CD11b antibody; CD11b/CD18 antibody; CD49d antibody; Cell surface glycoprotein MAC-1 subunit alpha antibody; Complement component 3 receptor 3 subunit antibody; Complement Component Receptor 3 Alpha antibody; Complement receptor type 3; alpha subunit antibody; CR 3 alpha chain (CR3A) antibody; CR 3 alpha chain antibody; CR-3 alpha chain antibody; CR3 antibody; CR3A antibody; F730045J24Rik antibody; Integrin Alpha M antibody; Integrin alpha M chain antibody; Integrin alpha-M antibody; Integrin beta 2 alpha subunit antibody; Integrin subunit alpha M antibody; integrin; alpha M (complement component 3 receptor 3 subunit) antibody; ITAM_HUMAN antibody; ITGAM antibody; Leukocyte adhesion receptor MO1 antibody; Ly-40 antibody; MAC 1 antibody; Mac-1a antibody; MAC1 antibody; Mac1; MAC1A antibody; Macrophage antigen alpha polypeptide antibody; MGC117044 antibody; Mo1; MO1A antibody; Neutrophil adherence receptor alpha M subunit antibody; Neutrophil adherence receptor antibody; SLEB6 antibody; anti-CD11b/ITAM antibody

PRODUCT SPECIFICATIONS

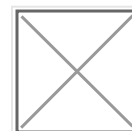
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	4G2
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CD11b/ITAM antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IP (Immunoprecipitation)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



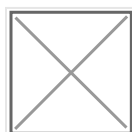
FCM/FACS (Flow Cytometry)

FCM analysis of human peripheral blood leukocytes. Black line histogram represents the isotype control, normal mouse IgG1.



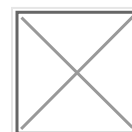
FCM/FACS (Flow Cytometry)

FCM analysis of human peripheral blood leukocytes. Black line histogram represents the isotype control, normal mouse IgG1.



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed RAW 264.7 cells showing membrane staining.



WB (Western Blot)

Western blot analysis of Integrin alphaM expression in human PBL whole cell lysate immunoprecipitated with Integrin alphaM (2LPM19c) and detected with Integrin alphaM (H-61).

ADDITIONAL INFORMATION

Related Product Information for anti-CD11b/ITAM antibody	Integrin M, also designated complement component receptor-3 , CD11b (p170), macrophage antigen a polypeptide, cell surface glycoprotein Mac-1 a subunit, MAC1A, MO1A and ITGAM) is a cell adhesion molecule that acts as a receptor for cell surface ligands such as intracellular adhesion molecules (ICAMs) or soluble ligands. Integrins are heterodimeric proteins that contain an a chain and b chain. Integrin M combines with the Integrin 2 to form a leukocyte-specific integrin referred to as macrophage receptor 1 (Mac-1), or inactivated-C3b (iC3b) receptor 3 (CR3). Integrin M/2 is important in the adherence of neutrophils and monocytes to stimulated endothelium, and also in the phagocytosis of complement coated particles.
Product Categories/Family for anti-CD11b/ITAM antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	224831239
NCBI GeneID	3684
NCBI Accession #	NP_001139280.1
NCBI GenBank Nucleotide #	NM_001145808.1
UniProt Accession #	P11215; Q4VAK0; Q4VAK1; Q4VAK2
Molecular Weight	127,179 Da
NCBI Official Full Name	integrin alpha-M isoform 1
NCBI Official Synonym Full Names	integrin, alpha M (complement component 3 receptor 3 subunit)
NCBI Official Symbol	ITGAM
NCBI Official Synonym Symbols	CR3A; MO1A; CD11B; MAC-1; MAC1A; SLEB6
NCBI Protein Information	integrin alpha-M; CR-3 alpha chain; antigen CD11b (p170); leukocyte adhesion receptor MO1; CD11 antigen-like family member B; macrophage antigen alpha polypeptide; cell surface glycoprotein MAC-1 subunit alpha; neutrophil adherence receptor alpha-M subuni
UniProt Protein Name	Integrin alpha-M
UniProt Gene Name	ITGAM
UniProt Synonym Gene Names	CD11B; CR3A
UniProt Entry Name	ITAM_HUMAN

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://stage.aaabiotech.com/monoclonal/cd11b-itam-antibody-clone-4g2-flow-cytometry-immunofluorescence-immunoprecipitation-elisa/311980>