

Rabbit Integrin alpha-M Polyclonal Antibody | anti-ITGAM antibody

Anti-CD11b Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46056	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

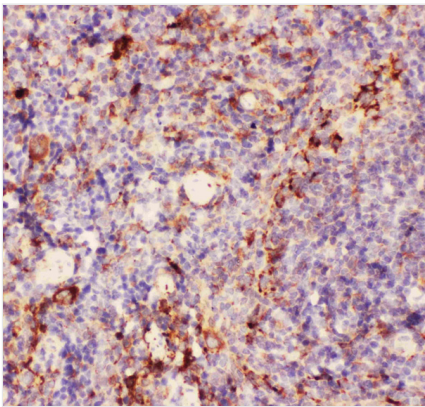
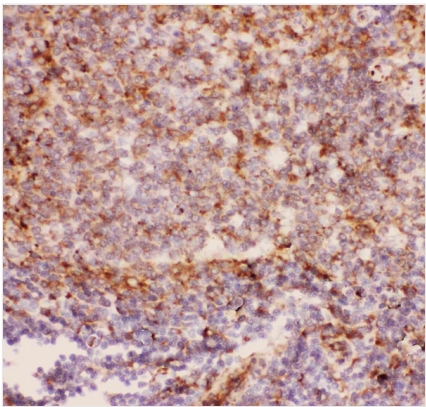
PRODUCT SYNONYMS

Integrin alpha-M; Polyclonal Antibody; Anti-CD11b 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 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; 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; integrin; alpha M (complement component 3 receptor 3 subunit); anti-ITGAM antibody

PRODUCT SPECIFICATIONS

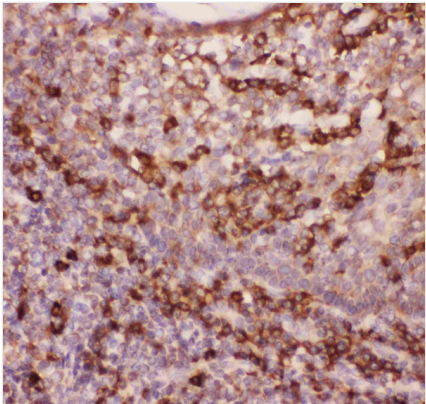
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	1152
Applicable Applications for anti-ITGAM antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human CD11b recombinant protein (Position: F17-T382). Human CD11b shares 79% and 61% amino acid (aa) sequences identity with mouse and rat CD11b, respectively.
Preparation and Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

IMAGES

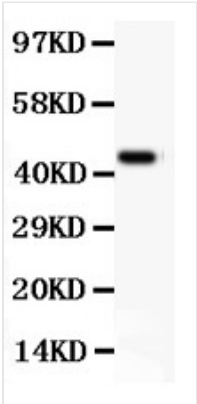


IHC (Immunohistochemistry)
Anti-CD11b Picoband antibody, AAA46056-4.JPGIHC(P): Rat Spleen Tissue

IHC (Immunohistochemistry)
Anti-CD11b Picoband antibody, AAA46056-3.JPGIHC(P): Mouse Spleen Tissue



IHC (Immunohistochemistry)
Anti-CD11b Picoband antibody, AAA46056-2.JPGIHC(P): Human Tonsil Tissue



Application Data
Anti-CD11b Picoband antibody, AAA46056-1.jpgAll lanes: Anti CD11B (AAA46056) at 0.5ug/mlWB: Recombinant Human CD11B Protein 0.5ngPredicted bind size: 45KDObserved bind size: 45KD

ADDITIONAL INFORMATION

Related Product Information for anti-ITGAM antibody

Description: Rabbit IgG polyclonal antibody for Integrin alpha-M(ITGAM) detection. Tested with WB, IHC-P in Human;Mouse;Rat.

Background: Integrin alpha M (ITGAM) is one protein subunit that forms the heterodimeric integrin alpha-M beta-2 (alphaMbeta2) molecule, also known as macrophage-1 antigen (Mac-1) or complement receptor 3 (CR3). It is mapped to 16p11.2. ITGAM has a role in vascular repair after mechanical arterial injury. It is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles. What's more, ITGAM probably recognizes the R-G-D peptide in C3b, and it is also a receptor for fibrinogen, factor X and ICAM1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	88501734
NCBI GeneID	3684
NCBI Accession #	NP_000623.2
NCBI GenBank Nucleotide #	NM_000632.3
UniProt Accession #	P11215; Q4VAK0; Q4VAK1; Q4VAK2
NCBI Official Full Name	integrin alpha-M isoform 2
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 subunit
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/polyclonal/integrin-alpha-m-antibody-immunohistochemistry-western-blot-elisa/46056>