

Goat ITGAM/CD11B Polyclonal Antibody | anti-ITGAM antibody

Goat anti-ITGAM/CD11B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13654	Goat	Tested: Human Expected from sequence similarity: Human	ELISA, Immunofluorescence

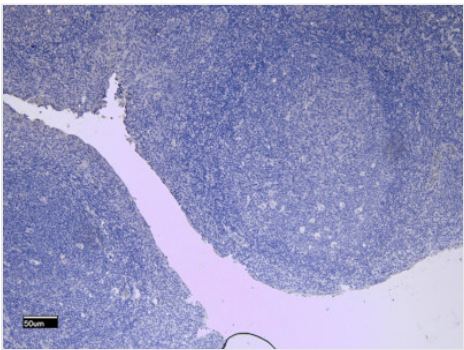
PRODUCT SYNONYMS

ITGAM/CD11B; Polyclonal Antibody; Goat anti-ITGAM/CD11B Antibody; ITGAM; integrin; alpha M (complement component 3 receptor 3 subunit); CD11B; CR3A; MAC-1; MAC1A; MGC117044; MO1A; Integrin; alpha-M (complement component receptor-3; alpha); antigen CD11B (p170); macrophage antigen; alpha polypeptide; antigen CD11b (p); ITGAM antibody; alpha M (complement component 3 receptor 3 subunit) antibody; CD11B antibody; CR3A antibody; MAC-1 antibody; MAC1A antibody; MGC117044 antibody; MO1A antibody; alpha) antibody; antigen CD11B (p170) antibody; alpha polypeptide antibody; antigen CD11b (p170) antibody; complement component receptor 3; alpha antibody; integrin alpha M antibody; alpha M (complement component receptor 3; CD11b (p170); macrophage antigen alpha polypeptide antibody; neutrophil adherence receptor alpha-M subunit antibody; ITGAM / CD11B; anti-ITGAM antibody

PRODUCT SPECIFICATIONS

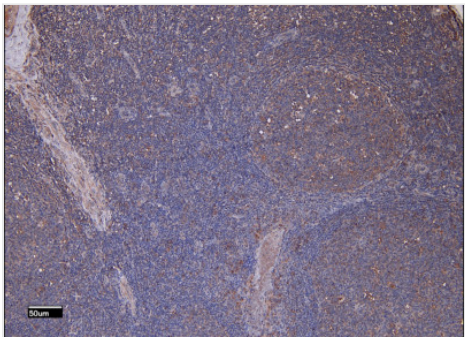
Host	Goat
Reactivity	Tested: Human Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Applicable Applications for anti-ITGAM antibody	ELISA (Peptide ELISA), IF (Immunofluorescence)
Application Notes	Peptide ELISA: antibody detection limit dilution 1:16000. Immunohistochemistry (IHC): Paraffin embedded Human Tonsil. Recommended concentration: 6-8ug/mL. Immunofluorescence: Strong expression of the protein seen in the cytoplasm of U937 cells. Recommended concentration: 10 ug/ml.
Immunogen	Peptide with sequence C-RNDGEDSYRTQ, from the internal region of the protein sequence according to NP_000623.2.
Note	The immunizing peptide represents part of the extra-cellular domain.
Preparation and Storage	Aliquot and store at -20°C. Minimize freezing and thawing.

IMAGES



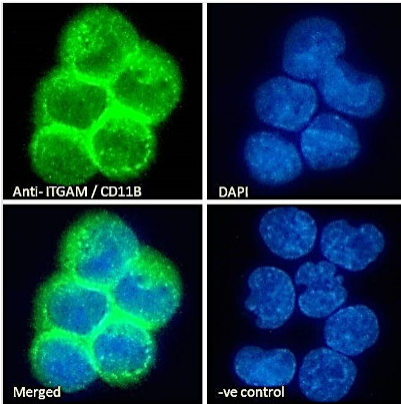
IHC (Immunohistochemistry)

Negative Control showing of paraffin embedded Human Tonsil, with no primary antibody.



IHC (Immunohistochemistry)

8ug/ml) staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed U937 cells immobilized on Shiffix™ coverslip, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

NCBI AND UNIPROT INFORMATION

NCBI GI #	88501734
NCBI GeneID	3684
NCBI Accession #	NP_000623.2
NCBI GenBank Nucleotide #	NM_000632.3
NCBI Official Full Name	integrin alpha-M isoform 2
NCBI Official Synonym Full Names	integrin subunit alpha M
NCBI Official Symbol	ITGAM
NCBI Official Synonym Symbols	CR3A; MO1A; CD11B; MAC-1; MAC1A; SLEB6
NCBI Protein Information	integrin alpha-M
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://www.aaabiotech.com/polyclonal/itgam-cd11b-antibody-peptide-elisa-immunofluorescence-elisa/13654>