

Rabbit anti-Human CD11a/LFA-1A/ITGAL Monoclonal Antibody | anti-ITGAL antibody

CD11a/LFA-1A/ITGAL Rabbit mAb

CATALOG # AAA282652	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

CD11a/LFA-1A/ITGAL; Monoclonal Antibody; CD11a/LFA-1A/ITGAL Rabbit mAb; CD11A; LFA-1; LFA1A; anti-ITGAL antibody

PRODUCT SPECIFICATIONS

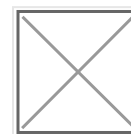
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	NASLAQVVMK VDVVYEKQML YLYVLSGIGG LLLLLLIFIV LYKVGFFKRN LKEKMEAGRG VPNGIPAEDS EQLASGQEAG DPGCLKPLHE KDESSEGGGKD
Applicable Applications for anti-ITGAL antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1071-1170 of human CD11a/LFA-1A/ITGAL (P20701).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human spleen using CD11a/LFA-1A/ITGAL Rabbit mAb (AAA282652) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from THP-1 cells, using CD11a/LFA-1A/ITGAL Rabbit mAb (AAA282652) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 3min.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGAL antibody

ITGAL encodes the integrin alpha L chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form the integrin lymphocyte function-associated antigen-1 (LFA-1), which is expressed on all leukocytes. LFA-1 plays a central role in leukocyte intercellular adhesion through interactions with its ligands, ICAMs 1-3 (intercellular adhesion molecules 1 through 3), and also functions in lymphocyte costimulatory signaling. Two transcript variants encoding different isoforms have been found for this gene.

Product Categories/Family for anti-ITGAL antibody

Signal Transduction; PI3K-Akt Signaling Pathway; MAPK-Erk Signaling Pathway; Cell Biology Developmental Biology; Cell Adhesion; Cytoskeleton; Immunology Inflammation; CD's; T Cell Receptor Signaling Pathway; Stem Cells; Hematopoietic Progenitors; Antibodie

NCBI AND UNIPROT INFORMATION

NCBI GI #	88911345
NCBI GeneID	3683
UniProt Accession #	P20701; O43746; Q45H73; Q96HB1; Q9UBC8
Molecular Weight	Calculated MW: 129kDa Observed MW: 180kDa
UniProt Protein Name	Integrin alpha-L
UniProt Gene Name	ITGAL
UniProt Synonym Gene Names	CD11A; LFA-1A
UniProt Entry Name	ITAL_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd11a-lfa-1a-itgal-antibody-immunohistochemistry-western-blot-elisa/282652>