

Rabbit ITGAL Polyclonal Antibody | anti-ITGAL antibody

ITGAL Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10672	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

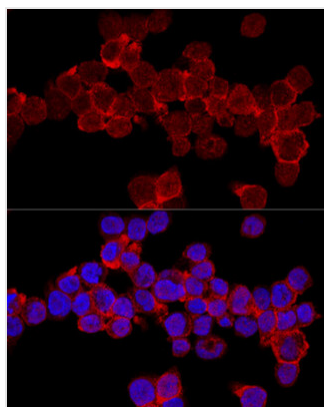
PRODUCT SYNONYMS

ITGAL; Polyclonal Antibody; ITGAL Polyclonal Antibody; CD11A; LFA-1; LFA1A; anti-ITGAL antibody

PRODUCT SPECIFICATIONS

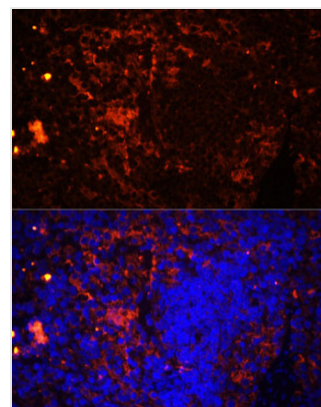
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH 7.3.
Sequence Length	1170
Applicable Applications for anti-ITGAL antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:100 - 1:500 IHC-P: 1:50 - 1:100 IF/ICC: 1:50 - 1:100
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 26-340 of human CD11a/LFA-1A/ITGAL (NP_001107852.1).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



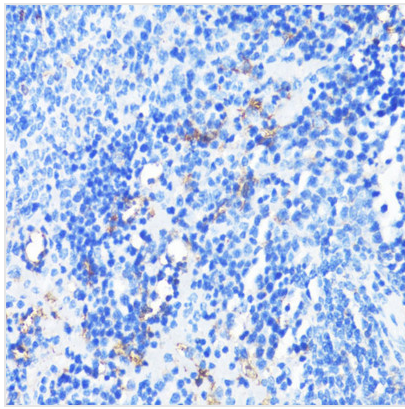
IF (Immunofluorescence)

Confocal immunofluorescence analysis of THP-1 cells using CD11a/LFA-1A/ITGAL Rabbit pAb (AAA10672) at dilution of 1:200. Blue: DAPI for nuclear staining.



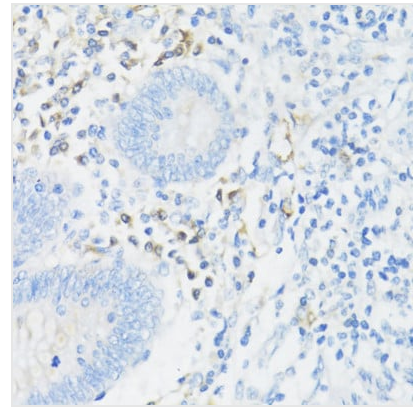
IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded rat spleen using CD11a/LFA-1A/ITGAL Rabbit pAb (AAA10672) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



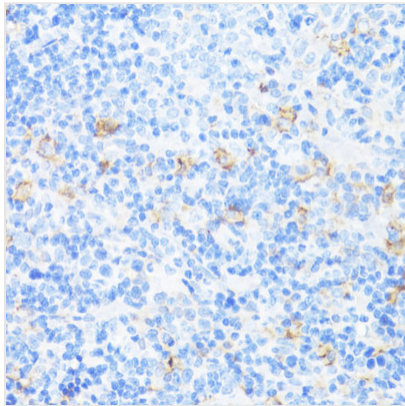
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse spleen using CD11a/LFA-1A/ITGAL Rabbit pAb (AAA10672) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



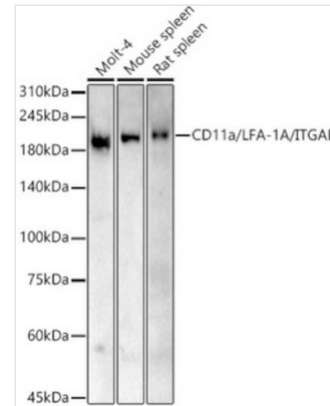
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat spleen using CD11a/LFA-1A/ITGAL Rabbit pAb (AAA10672) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat spleen using CD11a/LFA-1A/ITGAL Rabbit pAb (AAA10672) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of various lysates, using CD11a/LFA-1A/ITGAL Rabbit pAb (AAA10672) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

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	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	88911345
NCBI GeneID	3683
UniProt Accession #	P20701 ; O43746 ; Q45H73 ; Q96HB1 ; Q9UBC8
Molecular Weight	Observed MW: 180kDa Calculated MW: 129kDa
NCBI Official Full Name	Integrin alpha-L
NCBI Official Synonym Full Names	integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide)

NCBI Official Symbol	ITGAL
NCBI Official Synonym Symbols	CD11A; LFA-1; LFA1A
NCBI Protein Information	integrin alpha-L; LFA-1A; LFA-1 alpha; integrin gene promoter; CD11 antigen-like family member A; lymphocyte function-associated antigen 1; leukocyte adhesion glycoprotein LFA-1 alpha chain; leukocyte function-associated molecule 1 alpha chain; antigen CD11A (p180), lymphocyte function-associated antigen 1, alpha polypeptide
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://www.aaabiotech.com/polyclonal/itgal-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/10672>