ITGAL recombinant antibody

ITGAL Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA278955	**HEK293F Cell**	**reactivity**	**Immunofluorescence, Western Blot, ELISA**

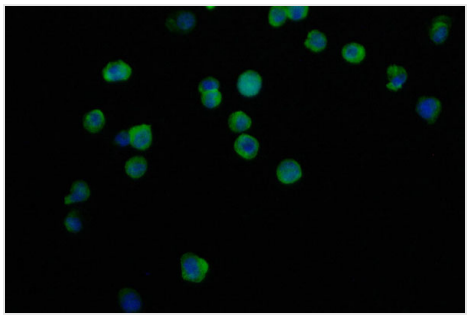
PRODUCT SYNONYMS

ITGAL; Monoclonal Recombinant Antibody; ITGAL Recombinant Monoclonal Antibody; Integrin alpha-L (CD11 antigen-like family member A)(Leukocyte adhesion glycoprotein LFA-1 alpha chain)(LFA-1A)(Leukocyte function-associated molecule 1 alpha chain)(CD antigen CD11a); CD11A; ITGAL recombinant antibody

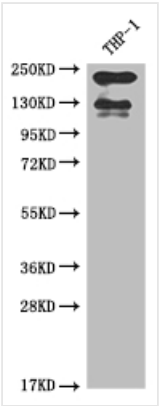
PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	reactivity
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	2B2
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for ITGAL recombinant antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human ITGAL
Conjugation	Non-conjugated
Research Area	Immunology; Signal transduction; Stem cells
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of THP-1 cell with AAA278955 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 490-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB (Western Blot)
Western BlotPositive WB detected in: THP-1 whole cell lysateAll lanes: ITGAL antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 129, 135, 120 kDaObserved band size: 130 kDa

ADDITIONAL INFORMATION

Related Product Information for ITGAL recombinant antibody	Integrin ITGAL/ITGB2 is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4. Integrin ITGAL/ITGB2 is a receptor for F11R (PubMed:11812992, PubMed:15528364). Integin ITGAL/ITGB2 is a receptor for the secreted form of ubiquitin-like protein ISG15; the interaction is mediated by ITGAL (PubMed:29100055). Involved in a variety of immune phenomena including leukocyte-endothelial cell interaction, cytotoxic T-cell mediated killing, and antibody dependent killing by granulocytes and monocytes. Contributes to natural killer cell cytotoxicity (PubMed:15356110). Involved in leukocyte adhesion and transmigration of leukocytes including T-cells and neutrophils (PubMed:11812992). Required for generation of common lymphoid progenitor cells in bone marrow, indicating a role in lymphopoiesis (By similarity). Integrin ITGAL/ITGB2 in association with ICAM3, contributes to apoptotic neutrophil phagocytosis by macrophages (PubMed:23775590). {ECO:0000250|UniProtKB:P24063, ECO:0000269|PubMed:11812992, ECO:0000269|PubMed:15356110, ECO:0000269|PubMed:15528364, ECO:0000269|PubMed:23775590, ECO:0000269|PubMed:29100055}.

NCBI AND UNIPROT INFORMATION

NCBI GI #	88911345
NCBI GeneID	3683
UniProt Accession #	P20701; O43746; Q45H73; Q96HB1; Q9UBC8
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 CD
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/monoclonal/itgal-recombinant-antibody-clone-2b2-immunofluorescence-western-blot-elisa/278955