

Rabbit CD18 Polyclonal Antibody | anti-ITGB2 antibody

Anti-CD18 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254730	Rabbit	MousePredicted to React with: Human (Species predicted to react based on 100% sequence homology)	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

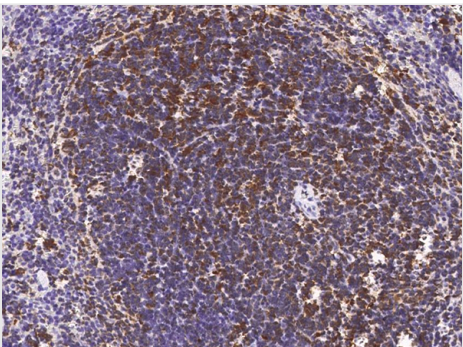
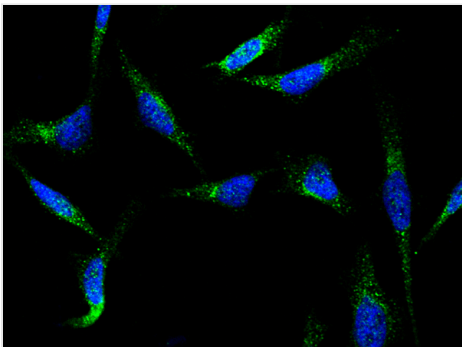
PRODUCT SYNONYMS

CD18; Polyclonal Antibody; Anti-CD18 Antibody; Rabbit Polyclonal; CD18/Integrin beta 2/ITGB2 Antibody; Rabbit PAb; Antigen Affinity Purified; integrin; beta 2 (complement component 3 receptor 3 and 4 subunit); Anti-2000000 Antibody; Anti-AI528527 Antibody; Anti-Cd18 Antibody; Anti-LAD Antibody; Anti-LCAMB Antibody; Anti-Lfa1 Antibody; Anti-MF17 Antibody; anti-ITGB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse Predicted to React with: Human (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse CD18
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ITGB2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human CD18/Integrin beta 2/ITGB2
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human CD18/Integrin beta 2/ITGB2, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of ITGB2 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human ITGB2 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.

IHC (Immunohistochemistry)
Immunochemical staining of mouse Itgb2 in mouse spleen with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB2 antibody	ITGB2 (Integrin Subunit Beta 2) is a Protein Coding gene. This gene encodes an integrin beta chain, which combines with multiple different alpha chains to form different integrin heterodimers. The encoded protein, which belongs to the integrin beta chain family, plays an important role in the immune response. Integrins form a family of heterodimeric transmembrane receptors that regulate cell-adhesion and cell-extracellular matrix interactions. Integrin ITGAL/ITGB2 is a receptor for ICAM1, ICAM2, ICAM3, and ICAM4. Integrin ITGAL/ITGB2 is also a receptor for the secreted form of ubiquitin-like protein ISG15; the interaction is mediated by ITGAL. ITGB2 is broadly expressed in bone marrow, appendix, and other tissues. Diseases associated with ITGB2 include Leukocyte Adhesion Deficiency, Type I, and Pertussis.
Product Categories/Family for anti-ITGB2 antibody	Actin Dynamics Signaling Pathway
References	Eich C, Lasonder E, Cruz LJ, et al. Proteome Based Construction of the Lymphocyte Function-Associated Antigen 1 (LFA-1) Interactome in Human Dendritic Cells. Mattei F, ed. PLoS ONE. 2016;11(2):e0149637.

NCBI AND UNIPROT INFORMATION

NCBI GI #	111607447
NCBI GeneID	16414
NCBI Accession #	NP_032430.2
NCBI GenBank Nucleotide #	NM_008404.4
UniProt Accession #	P11835 ; Q64482
Molecular Weight	85,026 Da
NCBI Official Full Name	integrin beta-2
NCBI Official Synonym Full Names	integrin beta 2
NCBI Official Symbol	Itgb2
NCBI Official Synonym Symbols	2E6; LAD; Cd18; Lfa1; MF17; LCAMB; AI528527
NCBI Protein Information	integrin beta-2; Mac-1 beta; macrophage antigen-1 beta; complement receptor C3 subunit beta; lymphocyte function associated antigen 1; cell surface adhesion glycoproteins LFA-1/CR3/p150,95 subunit beta
UniProt Protein Name	Integrin beta-2
UniProt Gene Name	Itgb2

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/cd18-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/254730>