

Rabbit anti-Human ITGB1 Polyclonal Antibody | anti-ITGB1 antibody

Anti-ITGB1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45685	Rabbit	Human	Immunohistochemistry, Western Blot

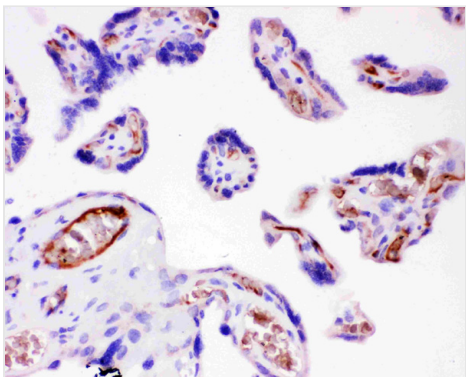
PRODUCT SYNONYMS

ITGB1; Polyclonal Antibody; Anti-ITGB1 Antibody; Integrin beta-1; integrin; beta 1; beta 1 subunit antibody; CD 29 antibody; CD29 antibody; CD29 antigen antibody; Fibrinogen Receptor beta subunit antibody; Fibronectin receptor subunit beta antibody; FNRB antibody; Glycoprotein IIa antibody; GP IIa antibody; GPIIa antibody; integrin beta 1 (fibronectin receptor beta polypeptide antigen CD29 includes MDF2 MSK12) antibody; Integrin beta-1 antibody; Integrin VLA 4 subunit beta antibody; integrin VLA-4 beta subunit antibody; Integrin; beta 1 (fibronectin receptor; beta polypeptide; antigen CD29 includes MDF2; MSK12) antibody; ITB1_HUMAN antibody; ITGB 1 antibody; ITGB1 antibody; MDF2 antibody; MSK12 antibody; OTTHUMP00000019420 antibody; Very Late Activation Protein beta Polypeptide antibody; Very late activation protein; beta polypeptide antibody; VLA BETA antibody; VLA-4 subunit beta antibody; VLA-BETA antibody; VLAB antibody; VLABeta antibody; anti-ITGB1 antibody

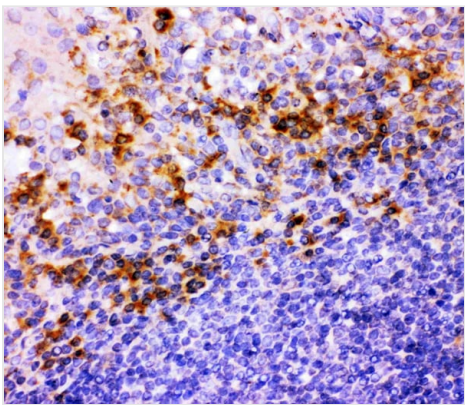
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	798
Applicable Applications for anti-ITGB1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human ITGB1 recombinant protein (Position: N527-D728). Human ITGB1 shares 91% and 88% amino acid (aa) sequences identity with mouse and rat ITGB1, respectively.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

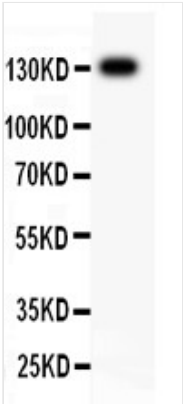
IMAGES



IHC (Immunohistochemistry)
Anti-ITGB1 Picoband antibody, AAA45685-2.JPGIHC(P): Human Placenta Tissue



IHC (Immunohistochemistry)
Anti-ITGB1 Picoband antibody, AAA45685-1.JPGIHC(P): Human Tonsil Tissue



Application Data
Anti-ITGB1 Picoband antibody, AAA45685-3.jpgAll lanes: Anti-ITGB1(AAA45685) at 0.5ug/mlWB: Hela Whole Cell Lysate at 40ugPredicted bind size: 88KDObserved bind size: 130KD

ADDITIONAL INFORMATION

Related Product Information for anti-ITGB1 antibody	Description: Rabbit IgG polyclonal antibody for Integrin beta-1(ITGB1) detection. Tested with WB, IHC-P in Human.
	Background: Integrin beta-1, also known as CD29, is a protein that in humans is encoded by the ITGB1 gene. CD29 is an integrin unit associated with very late antigen receptors. It is known to conjoin with alpha-3 subunit to create alpha3beta1 complex that reacts to such molecules as netrin-1 and reelin. This gene contains a beta subunit that appears to be analogous to band-3 of integrin. It is mapped to 10p11.22. It is found that FER mediates crosstalk between CDH2 and CD29. Integrin family members are membrane receptors involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metastatic diffusion of tumor cells. The protein encoded by this gene is a beta subunit.

NCBI AND UNIPROT INFORMATION

NCBI GI #	218563324
NCBI GeneID	3688
UniProt Accession #	P05556; P78466; P78467; Q13089; Q13090; Q13091; Q13212; A8K6N2; D3DRX9; D3DRY3; D3DRY4; D3DRY5
Molecular Weight	88,884 Da
NCBI Official Full Name	Integrin beta-1
NCBI Official Synonym Full Names	integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
NCBI Official Symbol	ITGB1

NCBI Official Synonym Symbols	CD29; FNRB; MDF2; VLAB; GPIIA; MSK12; VLA-BETA
NCBI Protein Information	integrin beta-1; glycoprotein IIa; integrin VLA-4 beta subunit; very late activation protein, beta polypeptide
UniProt Protein Name	Integrin beta-1
UniProt Gene Name	ITGB1
UniProt Synonym Gene Names	FNRB; MDF2; MSK12; GPIIA
UniProt Entry Name	ITB1_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://stage.aaabiotech.com/polyclonal/itgb1-antibody-immunohistochemistry-western-blot-elisa/45685>