

Rabbit Integrin alpha 2b Polyclonal Antibody | anti-ITGA2B antibody

Integrin alpha 2b antibody

CATALOG # AAA107669	HOST Rabbit	APPLICATIONS Western Blot
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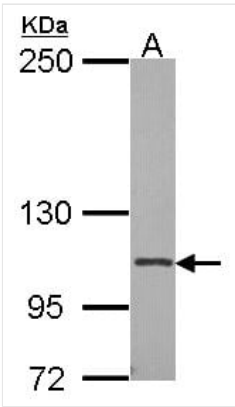
PRODUCT SYNONYMS

Integrin alpha 2b; Polyclonal Antibody; Integrin alpha 2b antibody; Polyclonal Integrin alpha 2b; Anti-Integrin alpha 2b; HPA3; ITGA2B; CD41B; GPalpha IIb; Integrin alpha b-2; GPIIb; GP2B; CD41; GTA; Integrin alpha b 2; platelet membrane glycoprotein IIb; anti-ITGA2B antibody

PRODUCT SPECIFICATIONS

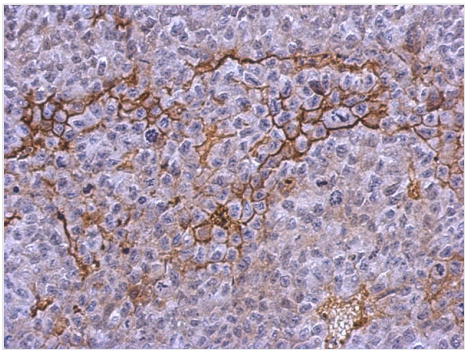
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Integrin alpha 2b antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.7 mg/ml (varies by lot)
Sequence Length	1045
Applicable Applications for anti-ITGA2B antibody	WB (Western Blot)
Biological Significance	ITGA2B encodes integrin alpha chain 2b. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. alpha chain 2b undergoes post-translational cleavage to yield disulfide-linked light and heavy chains that join with beta 3 to form a fibronectin receptor expressed in platelets that plays a crucial role in coagulation. Mutations that interfere with this role result in thrombasthenia. In addition to adhesion, integrins are known to participate in cell-surface mediated signalling.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis using Integrin alpha 2b antibodyWestern blot analysis of 30 ug of whole cell lysate (A: A549) using a 7.5 % SDS PAGE gel and Integrin alpha 2b antibody at a dilution of 1:500



IHC (Immunohistochemistry)

Immunohistochemical staining using Integrin alpha 2b antibodyImmunohistochemical staining of paraffin-embedded PC13 xenograft using Integrin alpha 2b antibody at a dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-ITGA2B antibody	Affinity purified Rabbit polyclonal Integrin alpha 2b antibody
Product Categories/Family for anti-ITGA2B antibody	Cell Biology; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	119571982
NCBI GeneID	3674
UniProt Accession #	P08514; O95366; Q14443; Q17R67; B2RCY8
Molecular Weight	113 kDa
NCBI Official Full Name	integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41), isoform CRA_d
NCBI Official Synonym Full Names	integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)
NCBI Official Symbol	ITGA2B
NCBI Official Synonym Symbols	GT; GTA; CD41; GP2B; HPA3; CD41B; GPIIb; BDPLT2; BDPLT16; PPP1R93
NCBI Protein Information	integrin alpha-IIb
UniProt Protein Name	Integrin alpha-IIb
UniProt Gene Name	ITGA2B
UniProt Synonym Gene Names	GP2B; ITGAB; GPIIb
UniProt Entry Name	ITA2B_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.