

Rabbit ITGA2B Polyclonal Antibody | anti-ITGA2B antibody

ITGA2B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327153	Rabbit	Human, Rat, Mouse	ELISA, Immunohistochemistry, Western Blot

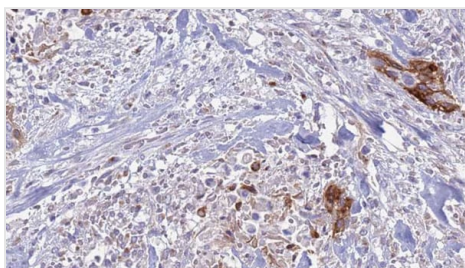
PRODUCT SYNONYMS

ITGA2B; Polyclonal Antibody; ITGA2B Antibody; antigen CD41; BDPLT16; BDPLT2; CD41; CD41B; form 2; GP2B; GPalpha IIb; GPIIb; GT; GTA; HPA3; Integrin alpha 2b; Integrin alpha IIb; Integrin alpha-IIb light chain; Integrin; alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex; antigen CD41); ITA2B_HUMAN; Itga2b; ITGAB; platelet fibrinogen receptor; alpha subunit; platelet glycoprotein IIb of IIb/IIIa complex; Platelet membrane glycoprotein IIb; platelet specific antigen BAK; PPP1R93; anti-ITGA2B antibody

PRODUCT SPECIFICATIONS

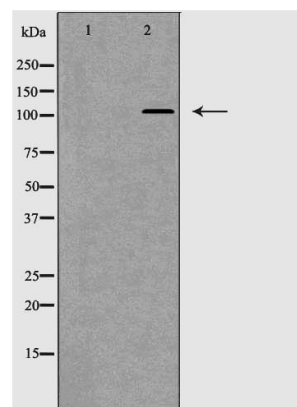
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CD41 Antibody detects endogenous levels of total CD41.
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1039
Applicable Applications for anti-ITGA2B antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CD41, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA327153 at 1/100 staining Human urothelial cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of HepG2 whole cell lysates, using CD41Antibody. The lane on the left was treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ITGA2B antibody	Integrin alpha-IIb/beta-3 is a receptor for fibronectin, fibrinogen, plasminogen, prothrombin, thrombospondin and vitronectin. It recognizes the sequence R-G-D in a wide array of ligands. It recognizes the sequence H-H-L-G-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain. Following activation integrin alpha-IIb/beta-3 brings about platelet/platelet interaction through binding of soluble fibrinogen. This step leads to rapid platelet aggregation which physically plugs ruptured endothelial cell surface.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	88758615
NCBI GeneID	3674
NCBI Accession #	NP_000410.2
NCBI GenBank Nucleotide #	NM_000419.4
UniProt Accession #	P08514; O95366; Q14443; Q17R67; B2RCY8
Molecular Weight	113 kDa
NCBI Official Full Name	integrin alpha-IIb preproprotein
NCBI Official Synonym Full Names	integrin subunit alpha 2b
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

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.