

Integrin alpha IIb Rabbit mAb

Catalog No: #52087

Package Size: #52087-1 50ul #52087-2 100ul

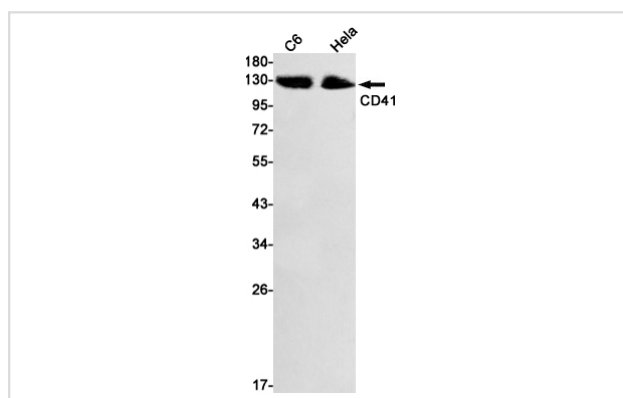
Description

Product Name	Integrin alpha IIb Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	S01-1C2
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human, Rat
Immunogen Description	A synthetic peptide of human CD41
Conjugates	Unconjugated
Modification	Unmodification
Other Names	BDPLT2,CD41 antigen, CD41a, gp2b, ITGA2B, platelet fibrinogen receptor alpha
Accession No.	Swiss-Prot:P08514GenelD:3674
Calculated MW	Calculated MW: 113 kDa; Observed MW: 137 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/2000

Images



Western blot detection of CD41 in C6,HeLa cell lysates using CD41 Rabbit mAb(1:1000 diluted).Predicted band size:113kDa.Observed band size:137kDa.

Background

Swiss-Prot Acc.P08514.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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.