

Integrin beta 3 Recombinant antibody, PBS Only

Catalog Number: 83053-6-PBS

Basic Information

Catalog Number:	83053-6-PBS	GenBank Accession Number:	BC127667	Purification Method:	Protein A purification
Size:	1 mg/ml	GeneID (NCBI):	3690	CloneNo.:	230292A10
Source:	Rabbit	UNIPROT ID:	P05106		
Isotype:	IgG	Full Name:	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)		
		Calculated MW:	87 kDa		
		Observed MW:	100-110 kDa		

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human

Background Information

Integrin beta-3, also named as CD61 and GPIIIa, is a receptor for cytotactin, fibronectin, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin, vitronectin and von Willebrand factor. Integrin beta-3 recognize the sequence R-G-D in a wide array of ligands and the sequence H-H-L-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain. Following activation integrin beta-3 brings about platelet/platelet interaction through binding of soluble fibrinogen which leads to rapid platelet aggregation which physically plugs ruptured endothelial surface. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions. Human integrin beta-3 has a calculated molecular weight of 87 kDa. As a result of glycosylation, the apparent molecular mass of integrin beta-3 is approximately 90-110 kDa.

Storage

Storage:
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

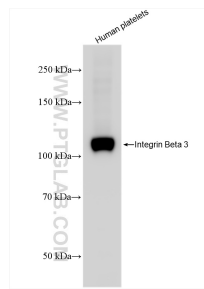
T: 4006900926

E: Proteintech-CN@ptglab.com

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 83053-6-RR (Integrin beta-3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83053-6-PBS in a different storage buffer formulation.