

Integrin alpha 2b Polyclonal Antibody FITC Conjugated

Catalog No: #C04231F

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Description

Product Name	Integrin alpha 2b Polyclonal Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	HuB MsB RtB B B B
Immunogen Description	KLH conjugated synthetic peptide aa 370-420 1033 derived from mouse Integrin alpha 2b
Conjugates	FITC
Target Name	Integrin alpha 2b CD41
Other Names	CD41; CD41B; GpIIb; AI172977; alphaIIb; Integrin alpha-IIb; GPalpha IIb; Platelet membrane glycoprotein IIb; Itga2b
Accession No.	Swiss-Prot#Q9QUM0NCBI Gene ID16399
Uniprot	Q9QUM0
GeneID	16399;
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200B

Background

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-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