

Integrin alpha IIb Rabbit mAb

Catalog # AP74942

Specification

Integrin alpha IIb Rabbit mAb - Product Information

Application WB
Primary Accession P08514
Reactivity Human, Rat
Host Rabbit

Clonality Monoclonal Antibody

Calculated MW 113377

Integrin alpha IIb Rabbit mAb - Additional Information

Gene ID 3674

Other Names ITGA2B

Dilution

WB~~1/500-1/1000

Format

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.

Integrin alpha IIb Rabbit mAb - Protein Information

Name ITGA2B

Synonyms GP2B, ITGAB

Function

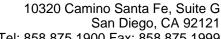
Integrin alpha-IIb/beta-3 is a receptor for fibronectin, fibrinogen, plasminogen, prothrombin, thrombospondin and vitronectin. It recognizes the sequence R-G-D in a wide array of ligands. It recognizes the sequence H-H-L-G-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain (By similarity). Following activation integrin alpha-IIb/beta-3 brings about platelet/platelet interaction through binding of soluble fibrinogen (PubMed:9111081). This step leads to rapid platelet aggregation which physically plugs ruptured endothelial cell surface (By similarity).

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Isoform 1 and isoform 2 are expressed in platelets and megakaryocytes, but not in reticulocytes.







Not detected in Jurkat, nor in U937 cell lines (PubMed:2351656). Isoform 3 is expressed in prostate adenocarcinoma, as well as in several erythroleukemia, prostate adenocarcinoma and melanoma cell lines, including PC-3, DU- 145, HEL, WM983A, WM983B and WM35. Not detected in platelets, nor in normal prostate (at protein level) (PubMed:9809974)

Integrin alpha IIb Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Integrin alpha IIb Rabbit mAb - Images

