

**Integrin alpha IIb Rabbit mAb**  
**Catalog # AP74942****Specification**

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**Integrin alpha IIb Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">P08514</a>
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:<a href="http://www.uniprot.org/citations/9111081" target="\_blank">9111081</a>). 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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **Integrin alpha IIb Rabbit mAb - Images**

