

Product Datasheet

CD41 (9G4) Mouse mAb

Catalog No: AB3527

Reactivity: Human

Isotype: Mouse IgG1

Applications: IHC



www.abways.com

Information

UniProt ID: P08514

All Names: ITGA2B; GP2B; ITGAB; Integrin alpha-IIb; GPalpha IIb; GPIIb; Platelet membrane glycoprotein IIb; CD41

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: kDa

Application

IHC: 1/50-1/100

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.RegionsFeature keyPosition(s)Description

Immunohistochemistry analysis of paraffinembedded Humanbreastcancer tissue using Integrin alpha lib (9G4) antibody.Sodium citrate pH 6.0 was used for antigen retrieval.Negative control was used by secondary antibody only.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com