

Datasheet

ITGA2B monoclonal antibody, clone HIP8 (FITC)

Catalog Number: MAB13899

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against human ITGA2B.

Clone Name: HIP8

Immunogen: Idiopathic thrombocytopenic purpura (IPT) patient platelets.

Host: Mouse

Theoretical MW (kDa): 25

Reactivity: Human

Applications: Flow Cyt, IHC-Fr
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Conjugation: FITC

Purification: Protein A/G purification

Purity: >90%

Isotype: IgG1, kappa

Recommend Usage: Flow Cytometry (20 μ L/ 10^6 cells)
Immunohistochemistry (Frozen sections)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).

Storage Instruction: Store in the dark at 4°C. Avoid prolonged exposure to light.

Entrez GeneID: 3674

Gene Symbol: ITGA2B

Gene Alias: CD41, CD41B, GP2B, GPIIb, GTA, HPA3

Gene Summary: ITGA2B encodes integrin alpha chain 2b. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. Alpha chain 2b undergoes post-translational cleavage to yield disulfide-linked light and heavy chains that join with beta 3 to form a fibronectin receptor expressed in platelets that plays a crucial role in coagulation. Mutations that interfere with this role result in thrombasthenia. In addition to adhesion, integrins are known to participate in cell-surface mediated signalling. [provided by RefSeq]