

## Datasheet

### ITGA2B monoclonal antibody, clone HIP8 (PE)

**Catalog Number:** MAB13900

**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:** PE

**Purification:** Protein A/G purification

**Purity:** >90%

**Isotype:** IgG1, kappa

**Recommend Usage:** Flow Cytometry (20  $\mu$ 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]