

## Datasheet

### ITGA2B monoclonal antibody, clone MEM-06 (PerCP)

**Catalog Number:** MAB10235

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against of ITGA2B.

**Clone Name:** MEM-06

**Immunogen:** Leukocytes of patient suffering from LGL-type leukaemia.

**Host:** Mouse

**Theoretical MW (kDa):** 23, 120

**Reactivity:** Human

**Applications:** Flow Cyt

(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

**Specificity:** ITGA2B (GPIIb), a transmembrane glycoprotein (integrin family) composed of two chains GPIIb alpha (heavy chain; 120 kDa) and GPIIb beta (light chain; 23 kDa). ITGA2B is mainly expressed on platelets and megakaryocytes.

**Form:** Liquid

**Conjugation:** PerCP

**Purification:** Size-exclusion chromatography purification

**Isotype:** IgG1

**Recommend Usage:** Flow Cytometry (10 uL reagent/100 uL of whole blood or 10<sup>6</sup> cells)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.2% BSA, 0.09% sodium azide)

**Storage Instruction:** Store at 4°C. Do not freeze.

**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]