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ITGB3
Mouse Anti-Human Integrin beta-3 / CD61 (Clone BV4) mAb

Catalog No.	MON2033	**Quantity:**	1 ml

Alternate Names: Integrin beta-3, CD61, Platelet membrane glycoprotein IIIa, GPIIIa

Description: MON 2033 recognizes human beta3 integrin subunit present in Platelet glycoprotein GPIIb-IIIa (integrin alphaIIb/beta3, CD41/CD61) and in the vitronectin receptor (integrin alphaV/beta3, CD51/CD61). Integins are a family of heterodimeric membrane glycoproteins expressed on diverse cell types which function as the major receptors for extracellular matrix and as cell cell adhesion molecules. As adhesion molecules they play an important role in numerous biological processes such as platelet aggregation, inflammation, immune function, wound healing,tumor metastasis and tissue migration during embryogenesis. In addition integrins are involved in signaling pathways, transmitting signals both into an out from cells. All integrin consist of two non-covalently associated subunits, alpha and beta. At least 12 different alpha subunits and 8 beta subunits have been identified. The beta subunits all contain 56 conserved cysteines (except beta4 which has 48) which are arranged in four repeating units. The beta3 subunit is a 93kDa protein that contains a large loop in the N-terminus stabilized by intrachain disulphide bonding with the first cysteine-rich repeat.

Concentration: 100 µg/ml

Gene ID: P05106

Host: Mouse

Isotype: IgG1

Clone: BV4

Formulation: Purified antibody solution in PBS containing 0.1% BSA

Applications: IP, FC, ELISA, IF, IHC-P
Starting dilution 1:50

Storage & Stability: **Centrifuge vial prior to opening**. The undiluted antibody should be stored at 2-8°C until expiration date. For prolonged storage, aliquot antibody and store at -20°C. **Avoid repeated freeze-thaw cycles**.

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