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Phospho-ITGB1 (Thr788) Polyclonal Antibody

Cat #: G-AB-05751

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
Integrin beta-1 (ITGB1), also named as CD29, is a 130 kDa single chain type I glycoprotein that is expressed in a heterodimeric complex with one of six distinct subunits, comprising the very late activation antigen (VLA) subfamily of adhesion receptors. It is one of the essential surface molecules expressed on human MSC from bone marrow and other sources. The 1 subunit is also broadly expressed on lymphocytes and monocytes, weakly expressed on granulocytes, and not expressed on erythrocytes. These receptors are involved in a variety of cell-cell and cell-matrix interactions.

Gene ID:

Accession #:

Immunogen: Synthesized peptide derived from human Integrin 1 around the phosphorylation site of Thr788

Conjugation: Unconjugated

Swissprot: P05556

Calculated Molecular Weight: 88 kDa

Observed Molecular Weight: 135 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: WB,IHC-p,ELISA

Dilution: WB 1:500-1:2000, IHC 1:100-1:300, ELISA 1:20000

Storage: Store at -20°C. Avoid freeze / thaw cycles.