Phospho-ITGB1 (Thr788) Polyclonal Antibody

catalog number: **E-AB-20904**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

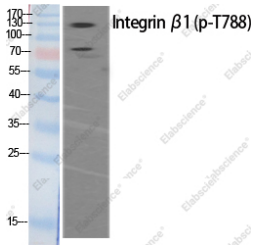
Description

Reactivity	Human;Mouse;Rat
Immunogen	Synthesized peptide derived from human Integrin β1 around the phosphorylation site of Thr788
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

Applications — Recommended Dilution

WB	1:500-1:2000
IHC	1:100-1:300

Data



Western Blot analysis of HeLa extracts of mitotic cells generated by treatment with Phospho-ITGB1 (Thr788) Polyclonal Antibody

Observed-MW:135 kDa

Calculated-MW:88 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

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 α 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 β1 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.

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