

Integrin β 1 Rabbit monoclonal antibody

Catalog: BS9813M

Host: Rabbit

Reactivity: Human, Mouse, Rat, Zebra fish

Background:

Integrins are heterodimers composed of noncovalently associated transmembrane α and β subunits. The 16 α and 8 β subunits heterodimerize to produce more than 20 different receptors. Most integrin receptors bind ligands that are components of the extracellular matrix, including fibronectin, collagen and vitronectin. Certain integrins can also bind to soluble ligands such as fibrinogen, or to counterreceptors on adjacent cells such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. Ligands serve to cross-link or cluster integrins by binding to adjacent integrin receptors; both receptor clustering and ligand occupancy are necessary for the activation of integrin-mediated responses. In addition to mediating cell adhesion and cytoskeletal organization, integrins function as signaling receptors. Signals transduced by integrins play a role in many biological processes, including cell growth, differentiation, migration and apoptosis.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 135 kDa

Swiss-Prot:

P05556

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:1000-1:5000 IHC: 1:50-1:200

Storage&Stability:

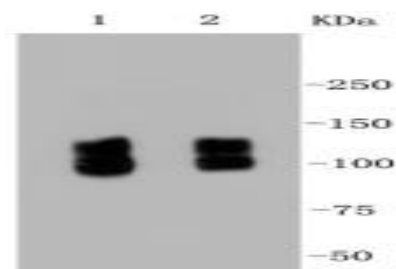
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

This antibody detects endogenous levels of Integrin β 1 and does not cross-react with related proteins.

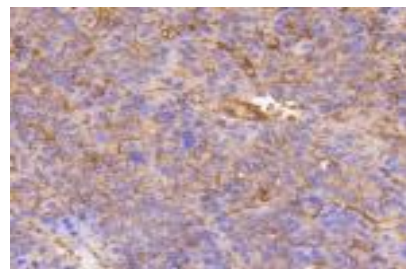
DATA:



Western blot (WB) analysis of Integrin β 1 Rabbit mAb at 1:1000 dilution

Lane1: HeLa whole cell lysate

Lane2: NIH/3T3 whole cell lysate



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-Integrin beta 1 antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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