Integrin β5 (V746) polyclonal antibody

Catalog:	BCP00969	Host:	Rabbit	Reactivity:	Human,Mouse,Rat

BackGround:

Integrins are heterodimers composed of noncovalently associated transmembrane α and β subunits. The 16α and 8β 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 Integrinmediated 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:

~ 100 kDa

Swiss-Prot:

P18084

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
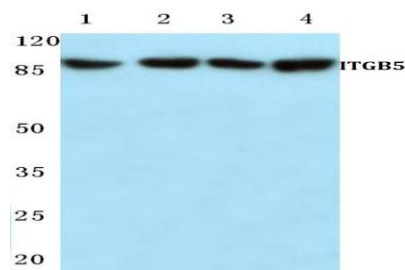
Applications:

WB: 1:500~1:1000

Storage&Stability:

Store at 4 ℃ short term. Aliquot and store at -20 ℃ long term. Avoid freeze-thaw cycles.

Specificity:

Integrin β5 (V746) polyclonal antibody detects endogenous levels of Integrin β5 protein.

DATA:

Western blot (WB) analysis of Integrin β5 polyclonal antibody at 1:500 dillution

Lane1:MCF-7 whole cell lysate(40μg)

Lane2:LO2 whole cell lysate(40μg)

Lane3:CT-26 whole cell lysate(40μg)

Lane4:H9C2 whole cell lysate(40μg)

Note:

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