

Recombinant Integrin beta 5 Monoclonal Antibody

Catalog Number:E-AB-81574



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

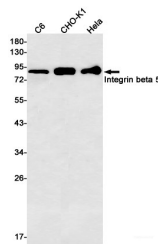
Description

Reactivity	Human,Rat,Hamster
Immunogen	Recombinant protein of human Integrin beta 5
Host	Rabbit
Isotype	IgG
Clone	R04-0G6
Purification	Affinity Purified
Conjugation	Unconjugated
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

Applications Recommended Dilution

WB 1:500-1:1000

Data



Western blot detection of Integrin beta 5 in C6,CHO-K1,HeLa cell lysates using Integrin beta 5 Rabbit mAb(1:500 diluted).Predicted band size:88kDa.Observed band size:88kDa.

Observed Mw:88kDa
Calculated Mw:88kDa

Preparation & Storage

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

Background

Integrins are heterodimers composed of noncovalently associated transmembrane a and b subunits. The 16 a and 8 b 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.

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