Recombinant Integrin alpha 5 Monoclonal Antibody

catalog number: **E-AB-81573**

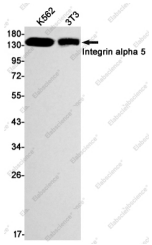
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	A synthetic peptide of human Integrin alpha 5
Host	Rabbit
Isotype	Rabbit IgG
Clone	C223359
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:50-1:100

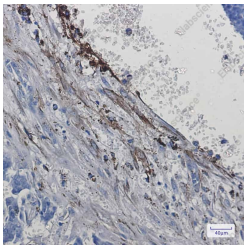
Data



Western blot detection of Integrin alpha 5 in K562,3T3 cell lysates using Integrin alpha 5 Rabbit mAb(1:1000 diluted).Predicted band size:115kDa.Observed band size:150kDa.

Observed-MW:150 kDa

Calculated-MW:115 kDa



Immunohistochemistry of Integrin alpha 5 in paraffin-embedded Human breast cancer tissue using Integrin alpha 5 Rabbit mAb at dilution 1:50

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

The product of this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes the integrin alpha 5 chain. Alpha chain 5 undergoes post-translational cleavage in the extracellular domain to yield disulfide-linked light and heavy chains that join with beta 1 to form a fibronectin receptor. In addition to adhesion, integrins are known to participate in cell-surface mediated signalling. Integrin alpha 5 and integrin alpha V chains are produced by distinct genes.

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