ITGB7 Antibody

Catalog No: #37662

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

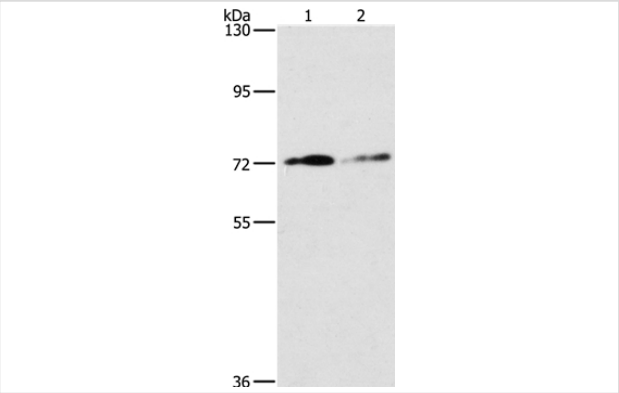
Product Name	ITGB7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ITGB7 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human integrin, beta 7
Target Name	ITGB7
Other Names	integrin; beta 7; ITB7; ITGB7
Accession No.	Swiss-Prot#: P26010NCBI Gene ID: 3695Gene Accssion: NP_000880/P26010
Uniprot	P26010
GeneID	3695;
SDS-PAGE MW	87kd
Concentration	2.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

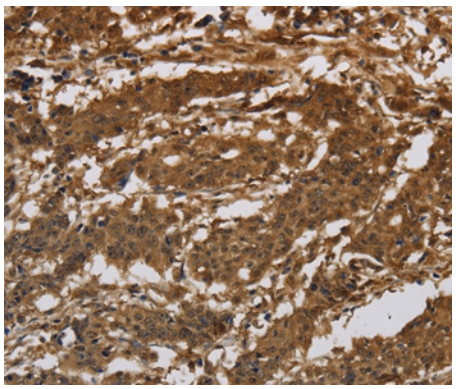
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



Gel: 6%SDS-PAGE
Lysates (from left to right): PC3 and K562 cell
Amount of lysate: 40ug per lane
Primary antibody: 1/200 dilution
Secondary antibody dilution: 1/8000
Exposure time: 10 minutes



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #37662 at dilution 1/30.

Background

This gene encodes a protein that is a member of the integrin superfamily. Members of this family are adhesion receptors that function in signaling from the extracellular matrix to the cell. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The encoded protein forms dimers with an alpha4 chain or an alphaE chain and plays a role in leukocyte adhesion. Dimerization with alpha4 forms a homing receptor for migration of lymphocytes to the intestinal mucosa and Peyer's patches. Dimerization with alphaE permits binding to the ligand epithelial cadherin, a calcium-dependent adhesion molecule. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.

Note: This product is for in vitro research use only