

ITGB1 Antibody

Catalog No: #35784



Package Size: #35784-1 50ul #35784-2 100ul

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

Description

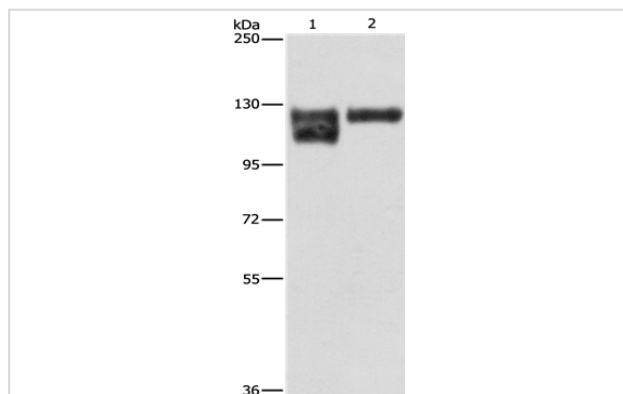
Product Name	ITGB1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ITGB1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
Target Name	ITGB1
Other Names	CD29; FNRB; MDF2; VLAB; GPIIA; MSK12; VLA-BETA
Accession No.	Swiss-Prot#: P05556NCBI Gene ID: 3688Gene Accssion: BC020057
SDS-PAGE MW	88kd
Concentration	2.4mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



Gel: 6%SDS-PAGE

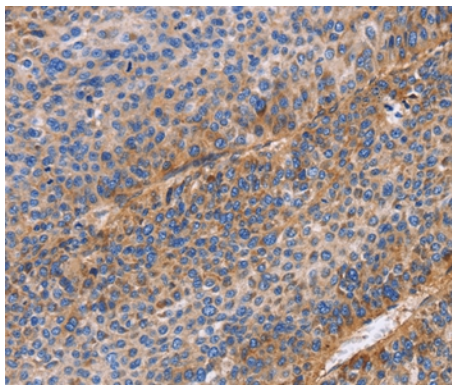
Lysates (from left to right): A172 cell and human leiomyosarcoma tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/600 dilution

Secondary antibody dilution: 1/8000

Exposure time: 40 seconds



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #35784 at dilution 1/60.

Background

Integrins are heterodimeric proteins made up of alpha and beta subunits. At least 18 alpha and 8 beta subunits have been described in mammals. Integrin family members are membrane receptors involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metastatic diffusion of tumor cells. This gene encodes a beta subunit. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene.

Published Papers

el at., Effects of the integrin inhibitors BTT3033 and BOP, and the integrin-linked kinase inhibitor Cpd22 on human prostate smooth muscle contraction, , (2021)

PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.