ITGA11 Antibody

Catalog No: #37661

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Description

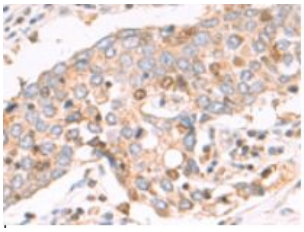
Product Name	ITGA11 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB,IHC,ELISA
Species Reactivity	Human
Specificity	The antibody detects endogenous levels of total ITGA11 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human integrin, alpha 11
Target Name	ITGA11
Other Names	HsT18964; RP11-709B3.2
Accession No.	Swiss-Prot#: Q9UKX5NCBI Gene ID: 22801Gene Accssion: NP_001004439
Uniprot	Q9UKX5
GeneID	22801;
SDS-PAGE MW	133kd
Concentration	1 mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

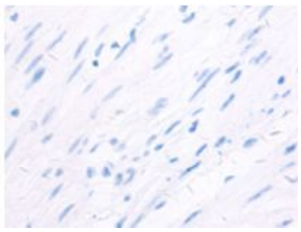
Application Details

Western blotting: 1:500-1:2000

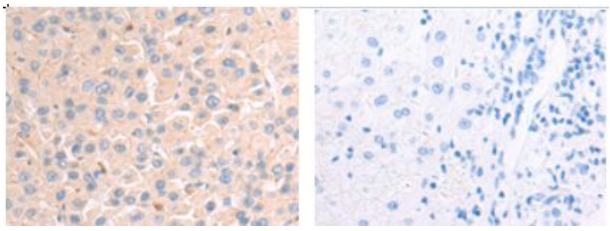
Immunohistochemistry: 1:50-1:200

Images

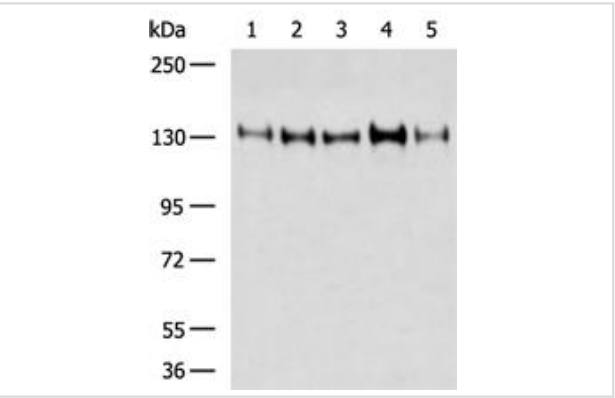




The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ITGA11 Antibody at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: Γ 200)



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ITGA11 Antibody at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: Γ 200)



Gel: 6%SDS-PAGELysate: 40 ΞOgLane 1-5: A549, Hela, HepG2, 293T, K562 cell lysatesPrimary antibody: ITGA11 Antibody at dilution 1/400Secondary antibody: Goat anti rabbit IgG at 1/5000 dilutionExposure time: 40 seconds

Background

This gene encodes an alpha integrin. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein contains an I domain, is expressed in muscle tissue, dimerizes with beta 1 integrin in vitro, and appears to bind collagen in this form. Therefore, the protein may be involved in attaching muscle tissue to the extracellular matrix. Alternative transcriptional splice variants have been found for this gene, but their biological validity is not determined.

Note: This product is for in vitro research use only