
Product Name: ITGA2B Mouse Monoclonal Antibody**Catalog #: AMM83082**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	113.4kDa

Antigen Information

Gene Name	ITGA2B
Alternative Names	GT; GTA; CD41; GP2B; HPA3; CD41B; GPIIb; BDPLT2
Gene ID	3674.0
SwissProt ID	P08514
Immunogen	Purified recombinant fragment of human ITGA2B (AA: 45-149) expressed in E. Coli.

Background

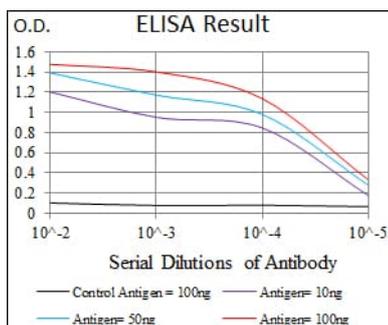
ITGA2B encodes integrin alpha chain 2b. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. Alpha chain 2b undergoes post-translational cleavage to yield disulfide-linked light and heavy chains that join with beta 3 to form a fibronectin receptor expressed in platelets that plays a crucial role in coagulation. Mutations that interfere

with this role result in thrombasthenia. In addition to adhesion, integrins are known to participate in cell-surface mediated signalling.

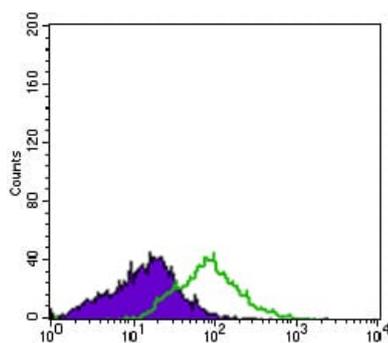
Research Area

PI3K-Akt signaling pathway

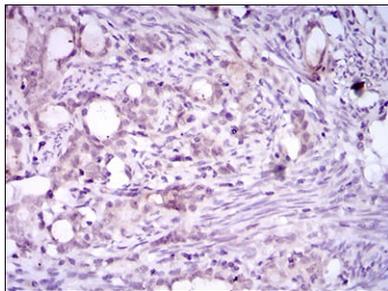
Image Data



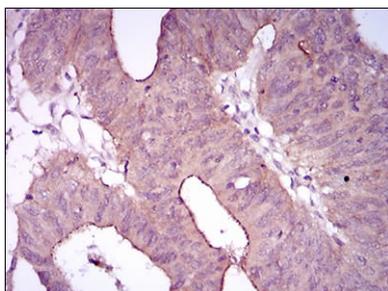
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Flow cytometric analysis of HL60 cells using ITGA2B mouse mAb (green) and negative control (purple).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using ITGA2B mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using ITGA2B mouse mAb with DAB staining.