

Product Name: CD61 Mouse Monoclonal Antibody
Catalog #: AMM82187



Summary

Production Name	CD61 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	CD61
Alternative Names	ITGB3; GT; GP3A; BDPLT2; GPIIIa; BDPLT16
Gene ID	3690.0
SwissProt ID	P05106.Purified recombinant fragment of human CD61 (AA: extra 27-179) expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	87kDa

Background

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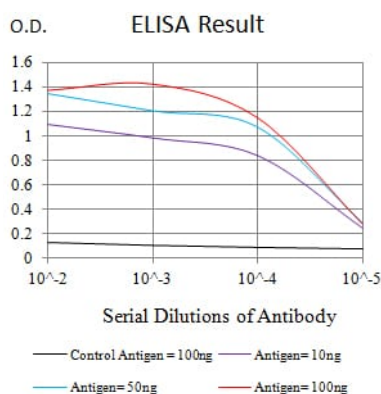


The ITGB3 protein product is the integrin beta chain beta 3. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. Integrin beta 3 is found along with the alpha IIb chain in platelets. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling.

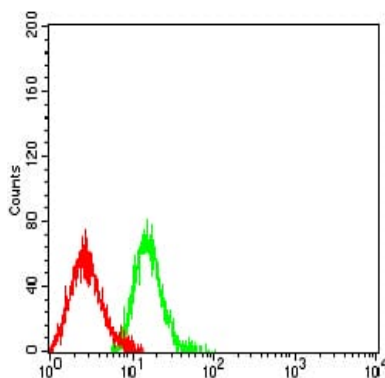
Research Area

PI3K-Akt signaling pathway

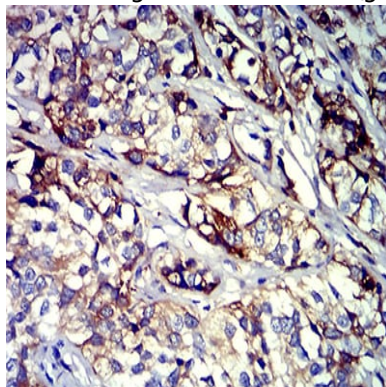
Image Data



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



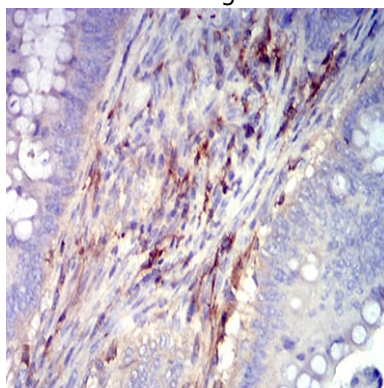
Flow cytometric analysis of HL-60 cells using CD61 mouse mAb (green) and negative control (red).



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Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using CD61 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using CD61 mouse mAb with DAB staining.

Note

For research use only.