
Product Name: CD42A Mouse Monoclonal Antibody**Catalog #: AMM82682**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human, Mouse
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	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	19kda

Antigen Information

Gene Name	CD42A
Alternative Names	GPIX,GP9
Gene ID	2815.0
SwissProt ID	P14770
Immunogen	Purified recombinant fragment of human CD42A (AA: extra(17-147)) expressed in E. Coli.

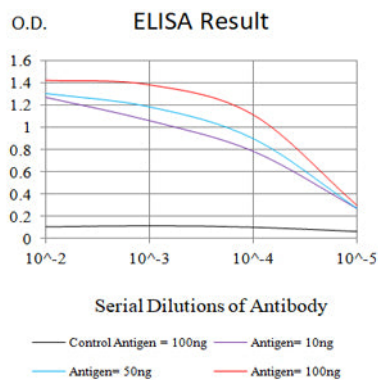
Background

This gene encodes a small membrane glycoprotein found on the surface of human platelets. It forms a 1-to-1 noncovalent complex with glycoprotein Ib, a platelet surface membrane glycoprotein complex that functions as a receptor for von Willebrand factor. The complete receptor complex includes noncovalent association of the alpha and beta subunits with the

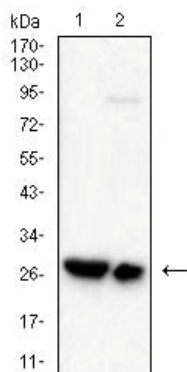
protein encoded by this gene and platelet glycoprotein V. Defects in this gene are a cause of Bernard-Soulier syndrome, also known as giant platelet disease. These patients have unusually large platelets and have a clinical bleeding tendency. [provided by RefSeq, Oct 2008]

Research Area

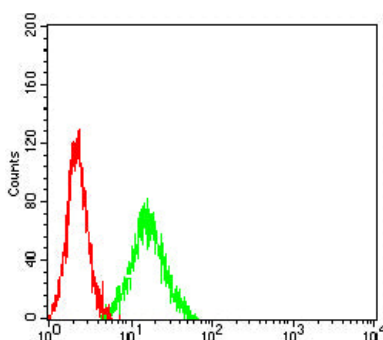
Image Data



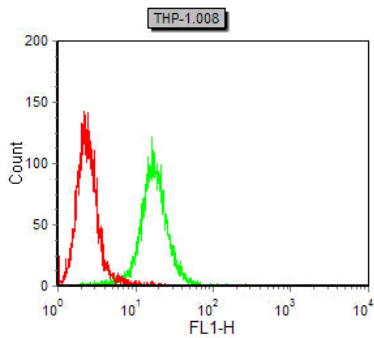
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



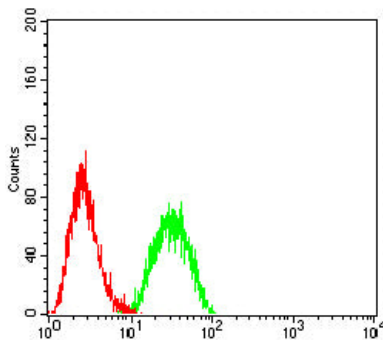
Western blot analysis using CD42A mouse mAb against PANC-1 (1), and L1210 (2) cell lysate.



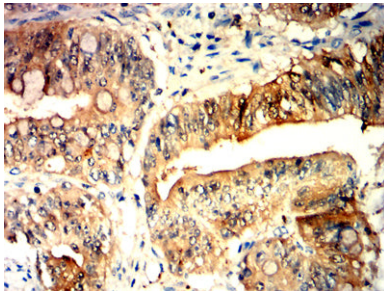
Flow cytometric analysis of MOLT4 cells using CD42A mouse mAb (green) and negative control (red).



Flow cytometric analysis of THP-1 cells using CD42A mouse mAb (green) and negative control (red).



Flow cytometric analysis of U937 cells using CD42A mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using CD42A mouse mAb with DAB staining.