

Anti-CD42a Antibody

Catalog # AP95842

Product Information

Application	WB, IHC, FC
Primary Accession	P14770
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	19046

Additional Information

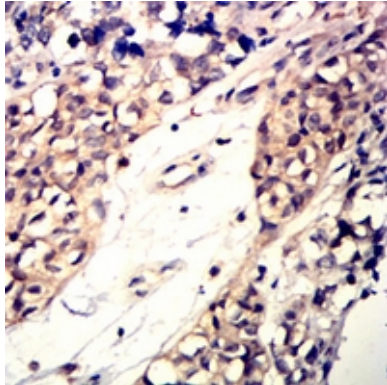
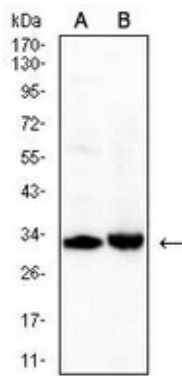
Gene ID	2815
Other Names	Platelet glycoprotein IX; GP-IX; GPIX; Glycoprotein 9; CD42a
Target/Specificity	Recombinant fusion protein of human CD42a expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

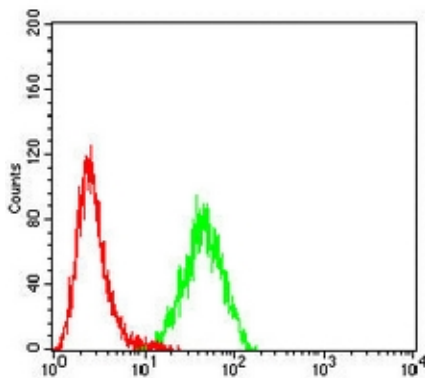
Name	GP9
Function	The GPIb-V-IX complex functions as the vWF receptor and mediates vWF-dependent platelet adhesion to blood vessels. The adhesion of platelets to injured vascular surfaces in the arterial circulation is a critical initiating event in hemostasis. GP-IX may provide for membrane insertion and orientation of GP-Ib.
Cellular Location	Membrane; Single-pass type I membrane protein.

Images

Western blot analysis of CD42a expression in PANC1 (A), L1210 (B) whole cell lysates. (Predicted band size: 19 kD; Observed band size: 32 kD)



Immunohistochemical analysis of CD42a staining in human bladder cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of K562 cells using Anti-CD42a Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.