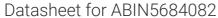
antibodies - online.com







anti-ITGA2 antibody (AA 994-1132)



Images



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Quantity:	0.1 mg
Target:	ITGA2
Binding Specificity:	AA 994-1132
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ITGA2 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD49B (AA: extra 994-1132) expressed in E. coli.
Clone:	8A11A2
Isotype:	lgG1
Purification:	purified

Target Details

Target:	ITGA2
Alternative Name:	CD49B (ITGA2 Products)
Background:	Description: This gene encodes the alpha subunit of a transmembrane receptor for collagens

and related proteins. The encoded protein forms a heterodimer with a beta subunit and mediates the adhesion of platelets and other cell types to the extracellular matrix. Loss of the encoded protein is associated with bleeding disorder platelet-type 9. Antibodies against this protein are found in several immune disorders, including neonatal alloimmune thrombocytopenia. This gene is located adjacent to a related alpha subunit gene. Alternative splicing results in multiple transcript variants.

Aliases: ITGA2, BR, GPIa, HPA-5, VLA-2, VLAA2

Molecular Weight:	129.3 kDa
Gene ID:	3673
HGNC:	9882
Pathways:	CXCR4-mediated Signaling Events, Smooth Muscle Cell Migration, Integrin Complex

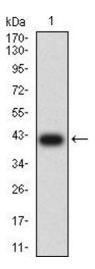
CXCR4-mediated Signaling Events, Smooth Muscle Cell Migration, Integrin Complex

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:100 - 1:500, FCM: 1:200 - 1:400, IHC: N/A
Restrictions:	For Research Use only

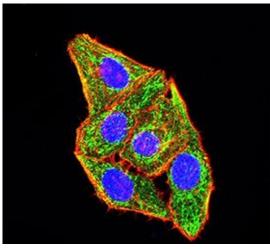
Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



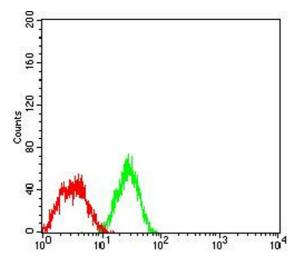
Western Blotting

Image 1. Western blot analysis using CD49B mAb against human CD49B (AA: extra 994-1132) recombinant protein. (Expected MW is 41.5 kDa)



Immunofluorescence

Image 2. Immunofluorescence analysis of Hela cells using CD49B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow Cytometry

Image 3. Flow cytometric analysis of HT1080 cells using CD49B mouse mAb (green) and negative control (red).

Please check the product details page for more images. Overall 5 images are available for ABIN5684082.