

Product Name: ITGA4 Mouse Monoclonal Antibody
Catalog #: AMM81112



Summary

Production Name	ITGA4 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,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	ITGA4
Alternative Names	IA4; CD49D
Gene ID	3676.0
SwissProt ID	P13612.Purified recombinant fragment of human ITGA4 expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	115kDa

Background

The product of this gene belongs to the integrin alpha chain family of proteins. Integrins are heterodimeric integral

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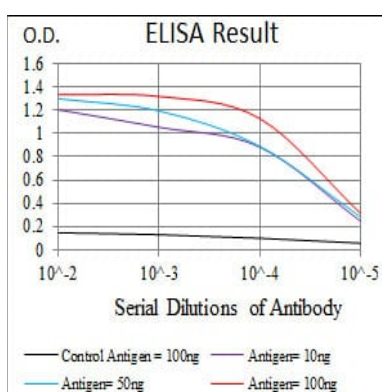


membrane proteins composed of an alpha chain and a beta chain. This gene encodes an alpha 4 chain. Unlike other integrin alpha chains, alpha 4 neither contains an I-domain, nor undergoes disulfide-linked cleavage. Alpha 4 chain associates with either beta 1 chain or beta 7 chain.

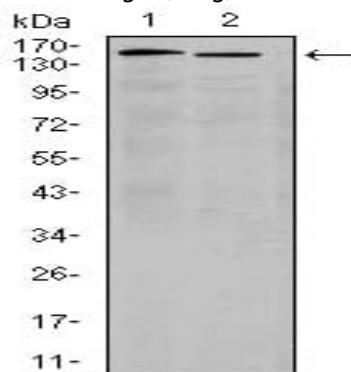
Research Area

PI3K-Akt signaling pathway

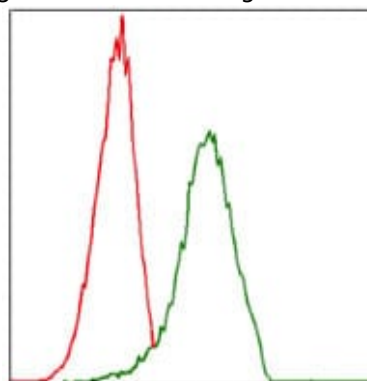
Image Data



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



Western blot analysis using ITGA4 mouse mAb against K562(1) and Jurkat (2) cell lysate.



Flow cytometric analysis of Jurkat cells using ITGA4 mouse mAb (green) and negative control (red).

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Note

For research use only.