

Product Name: CD49C Mouse Monoclonal Antibody
Catalog #: AMM82102



Summary

Production Name	CD49C 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	CD49C
Alternative Names	ITGA3; VL3A; FRP-2; GAPB3; ILNEB; MSK18; VCA-2; VLA3a; GAP-B3
Gene ID	3675.0
SwissProt ID	P26006.Purified recombinant fragment of human CD49C (AA: extra 63-248) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	116.6kDa

Background

Product Name: CD49C Mouse Monoclonal Antibody
Catalog #: AMM82102

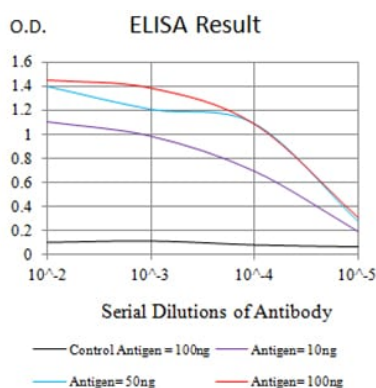


The gene encodes a member of the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain that function as cell surface adhesion molecules. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 3 subunit. This subunit joins with a beta 1 subunit to form an integrin that interacts with extracellular matrix proteins including members of the laminin family. Expression of this gene may be correlated with breast cancer metastasis.

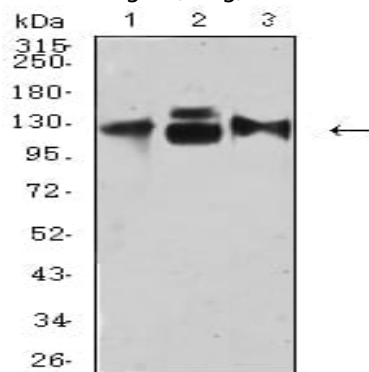
Research Area

PI3K-Akt signaling pathway

Image Data

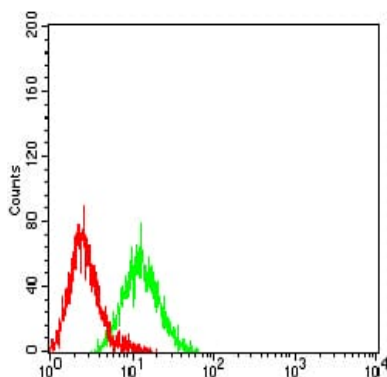


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using CD49C mouse mAb against HepG2 (1), HUVEC (2), and HUVE-12 (3) cell lysate.

Product Name: CD49C Mouse Monoclonal Antibody
Catalog #: AMM82102



Flow cytometric analysis of HL-60 cells using CD49C mouse mAb (green) and negative control (red).

Note

For research use only.