

Datasheet for ABIN5684113
anti-ITGA3 antibody (AA 63-248)



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5 Images

Overview

Quantity:	100 µL
Target:	ITGA3
Binding Specificity:	AA 63-248
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ITGA3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	CD49C Antibody
Immunogen:	Purified recombinant fragment of human CD49C (AA: 63-248) expressed in E. Coli.
Clone:	5F1D4
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	ITGA3
Alternative Name:	CD49C (ITGA3 Products)
Background:	Description: The gene encodes a member of the integrin alpha chain family of proteins.

Target Details

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.

Aliases: ITGA3, VL3A, FRP-2, GAPB3, ILNEB, MSK18, VCA-2, VLA3a, GAP-B3

Molecular Weight: 116.6kDa

Gene ID: 3675

HGNC: 3675

UniProt: [P26006](#)

Pathways: [CXCR4-mediated Signaling Events](#), [Integrin Complex](#)

Application Details

Application Notes: ELISA: 1/10000
FCM: 1/200 - 1/400

Restrictions: For Research Use only

Handling

Format: Liquid

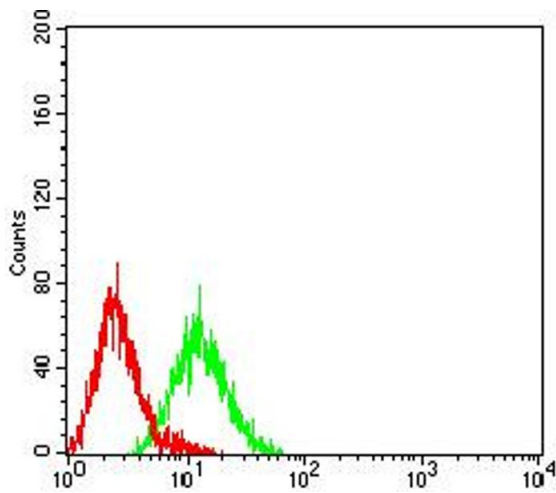
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

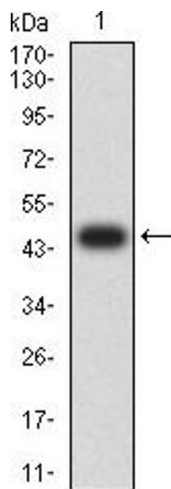
Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



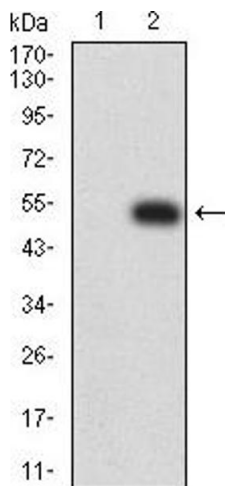
Flow Cytometry

Image 1. Flow cytometric analysis of HL-60 cells using CD49C mouse mAb (green) and negative control (red).



Western Blotting

Image 2. Western blot analysis using CD49C mAb against human CD49C (AA: extra 63-248) recombinant protein. (Expected MW is 47 kDa)



Western Blotting

Image 3. Western blot analysis using CD49C mAb against HEK293 (1) and CD49C (AA: extra 63-248)-hlgGFc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5684113.