

CD49C monoclonal antibody

Catalog: MB22583

Host: Mouse

Reactivity: Human

BackGround:

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.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

116.6kDa

Swiss-Prot:

P26006

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 FC:1/200 - 1/400

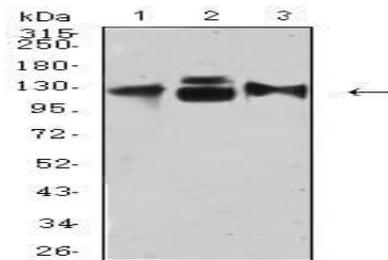
Storage&Stability:

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

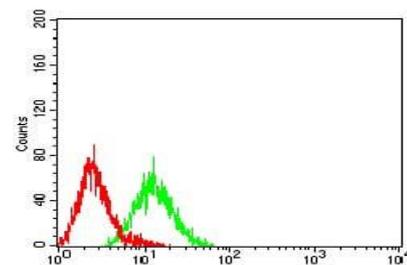
Isotype:

Mouse IgG1

DATA:



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



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

Note:

For research use only, not for use in diagnostic procedure.

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