

CD106 monoclonal antibody

Catalog: MB22581

Host: Mouse

Reactivity: Human,Rat,Monkey

BackGround:

This gene is a member of the Ig superfamily and encodes a cell surface sialoglycoprotein expressed by cytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and may play a role in the development of atherosclerosis and rheumatoid arthritis. Three alternatively spliced transcripts encoding different isoforms have been described for this gene.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

81.3kDa

Swiss-Prot:

P19320

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:

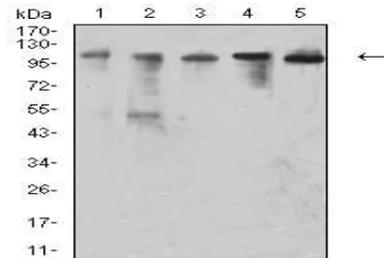
WB:1/500 - 1/2000 IF:1/200 - 1/1000 FC:1/200 - 1/400

Storage&Stability:

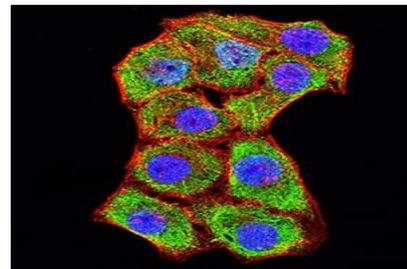
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

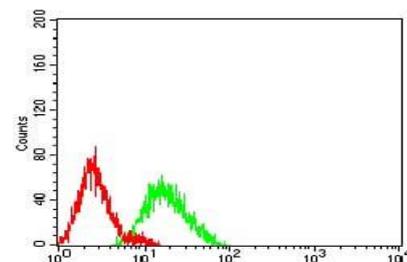
Mouse IgG1

DATA:

Western blot analysis using CD106 mouse mAb against EC (1), COS7 (2), MCF-7 (3), HepG2 (4), and HeLa (5) cell lysate.



Immunofluorescence analysis of HeLa cells using CD106 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 cytometric analysis of HL-60 cells using CD106 mouse mAb (green) and negative control (red).

Note:

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

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