

CD49f monoclonal antibody

Catalog: MB65790

Host: Mouse

Reactivity: Human

BackGround:

Integrins are α/β heterodimeric cell surface receptors that play a pivotal role in cell adhesion and migration, as well as in growth and survival. The integrin family contains at least 18 α and 8 β subunits that form 24 known integrins with distinct tissue distribution and overlapping ligand specificities. Integrins not only transmit signals to cells in response to the extracellular environment (outside-in signaling), but also sense intracellular cues to alter their interaction with the extracellular environment (inside-out signaling).

Integrin $\alpha 6$ is a 120 kDa protein with two splice variants, integrin $\alpha 6$, 6A and 6B, which function as receptors for laminins on the basal membrane to mediate cellular adhesion events. $\alpha 6$ integrins have been shown to play an important role in hematopoietic stem and progenitor cell homing to the bone marrow.

Product:

Mouse IgG2a kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.

Molecular Weight:

~ 126 kDa

Swiss-Prot:

P23229

Purification&Purity:

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

Applications:

IF (1/50 - 1/200)

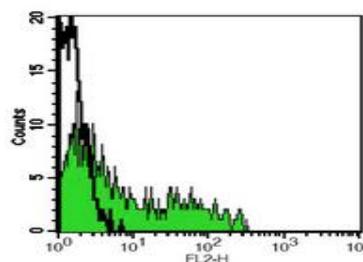
Storage&Stability:

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

Specificity:

Recognizes human CD49f

DATA:



Flow cytometric analysis of human peripheral blood lymphocytes using Anti-CD49f Antibody, followed by anti-mouse IgG PE.

Note:

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

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