

CD11a monoclonal antibody

Catalog: MB65748

Host: Mouse

Reactivity: Human

BackGround:

CD11 α , also known as integrin alpha-L (ITGAL), is the alpha chain of the lymphocyte function-associated antigen-1 (LFA-1). CD11 α combines with the beta chain CD18 (ITGB2) to form LFA-1, an integrin expressed on all leukocytes. LFA-1 plays a central role in leukocyte intercellular adhesion through interactions with its ligands ICAM-1, 2, 3, and 4, F11R/JAM-1, and the secreted form of ubiquitin-like protein ISG15. LFA-1 is involved in a variety of immune phenomena including leukocyte-endothelial cell interaction and transmigration, cytotoxic T cell co-stimulation, cytotoxic NK cell mediated killing, leukocyte clearance, and antibody-dependent killing by granulocytes and monocytes. LFA-1 is required for generation of common lymphoid progenitor cells in bone marrow, indicating a role in lymphopoiesis. High expression of CD11 α has been associated with antigen-specific and tumor-reactive T cells.

Product:

Mouse IgG2b kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.

Molecular Weight:

~ 128 kDa

Swiss-Prot:

P20701

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)

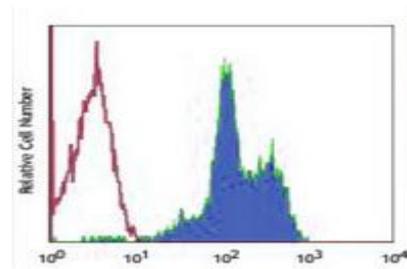
Storage&Stability:

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

Specificity:

Recognizes human CD11a

DATA:



Flow cytometric analysis of human peripheral blood granulocytes using Anti-CD11a Antibody, followed by anti-mouse IgG PE.

Note:

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

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