



CD11c monoclonal antibody

Catalog: MB65814

Host: Mouse

Reactivity: Human

BackGround:

CD11c (integrin αX , ITGAX) is a transmembrane glycoprotein that forms an α/β heterodimer with CD18 (integrin $\beta 2$), which interacts with a variety of extracellular matrix molecules and cell surface proteins. CD11c is primarily used as a dendritic cell marker. Dendritic cells can be classified into two major types: CD11c⁺ conventional dendritic cells that specialize in antigen presentation, and CD11c⁻ plasmacytoid dendritic cells that specialize in type I interferon production. CD11c expression has also been observed on activated NK cells, subsets of B cells, monocytes, granulocytes, and some B cell malignancies including hairy cell leukemia.

Product:

Mouse IgG1 kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.

Molecular Weight:

~ 127 kDa

Swiss-Prot:

P20702

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 CD11c

DATA:

Note:

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

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