



## CD11c Armenian Hamster monoclonal antibody

Catalog: MB65830

Host: Armenian Hamster

Reactivity: Mouse

### BackGround:

CD11c (integrin  $\alpha X$ , ITGAX) is a transmembrane glycoprotein that forms an  $\alpha/\beta$  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<sup>+</sup> conventional dendritic cells that specialize in antigen presentation, and CD11c<sup>-</sup> 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:

Armenian Hamster IgG. Liquid in PBS, pH 7.3, and 0.02% sodium azide.

### Molecular Weight:

~ 129 kDa

### Swiss-Prot:

Q9QXH4

### Purification&Purity:

The monoclonal antibody was affinity-purified from Armenian hamster 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 mouse CD11c

### DATA:

### Note:

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

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