

## CD73 monoclonal antibody

Catalog: MB65802

Host: Mouse

Reactivity: Human

### BackGround:

Ecto-5'-nucleotidase (NT5E, also called CD73) is a 70 kDa glycosyl phosphatidylinositol-anchored, membrane-bound glycoprotein that catalyzes the hydrolysis of extracellular nucleoside monophosphates into bioactive nucleosides. NT5E catalyzes the terminal step of extracellular adenosine formation from adenosine monophosphate, which drives the regulation of extracellular adenosine levels and the downstream activation of the four G protein-coupled adenosine receptors. Binding of hypoxia-inducible factor (HIF-1) to the NT5E gene promoter leads to upregulation of NT5E during hypoxia. The biological roles of NT5E include lymphocyte adhesion, fibrosis, and the regulation of nociception.

### Product:

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

### Molecular Weight:

~ 63 kDa

### Swiss-Prot:

P21589

### 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)

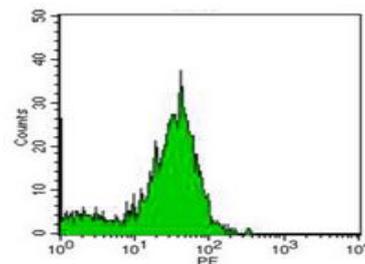
### Storage&Stability:

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

### Specificity:

Recognizes human CD73

### DATA:



Flow cytometric analysis of human peripheral blood lymphocytes using Anti-CD73 Antibody, followed by anti-mouse IgG PE.

### Note:

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

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