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30-1479: Anti-CD73 Monoclonal Antibody (Clone:AD2)

Clonality :	Monoclonal
Clone Name :	AD2
Application :	FACS
Reactivity :	Human
Gene :	NT5E
Gene ID :	4907
Uniprot ID :	P21589
Format :	Purified
Alternative Name :	NT5E,NT5,NTE
Isotype :	Mouse IgG1

Description

CD73 (ecto-5Â´-nucleotidase) is a 70 kDa glycoprotein anchored to the extracellular leaflet of the plasma membrane by GPI. This ecto-enzyme catalyzes dephosphorylation of AMP to adenosine. CD73 is expressed in various types of cells, such as epithelial, muscle, and endothelial cells, neutrophils, lymphocytes and fibroblasts. Inflammatory mediators support CD73 expression and its enzymatic activity, leading to the release of adenosine, which modulates inflammation through adenosine receptors. CD73 is expressed in a variety of lymphomas and leukemias, including ALL and CLL, whereas immunodeficient patients usually express low levels of this protein.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

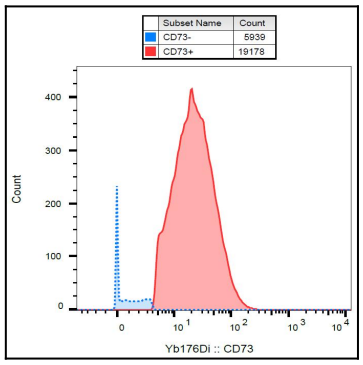


Figure 1: Surface staining (mass cytometry) of PBMC after Ficoll-Paque separation with anti-human CD73 (AD2) Yb176.

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