

Product Data Sheet

Purified anti-human CD73 (Ecto-5'-nucleotidase)

Catalog # / Size: 344001 / 25 µg
344002 / 100 µg

Clone: AD2

Isotype: Mouse IgG1, κ

Workshop Number: V B-CD73.3

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.

Applications:

Applications: FC - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤2.0 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Nakamura T, *et al.* 1993. *J. Immunol.* 151:6933.

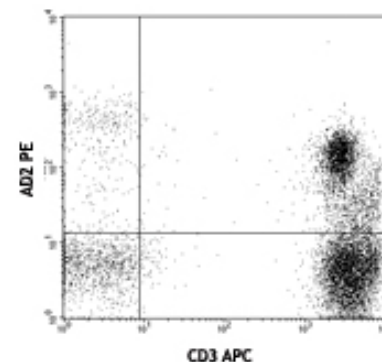
Description: CD73 is a 70 kD glycoposphatidylinositol (GPI)-linked 5'-nucleotidase also known as ecto-5'-nucleotidase. It converts adenosine monophosphate (AMP) to adenosine. CD73 is expressed on subsets of T and B cells, mesenchymal stem cells, follicular dendritic cells, endothelial cells, and epithelial cells. It has been reported that CD73 costimulates T cell activation, and mediates adhesion of lymphocytes to follicular dendritic cells and endothelial cells.

Antigen References: 1. Zola H, *et al.* 2007. *Leukocyte and stromal Cell Molecules:the CD Markers*. A John Wiley & Sons Inc, Publication.
2. Airas L and Jalkanen S, *et al.* 1996. *Blood* 88:1755.
3. Gutensohn W, *et al.* 1995. *Cell Immunol.* 161:213.
4. Airas L, *et al.* 1995. *J. Exp. Med.* 182:1603.

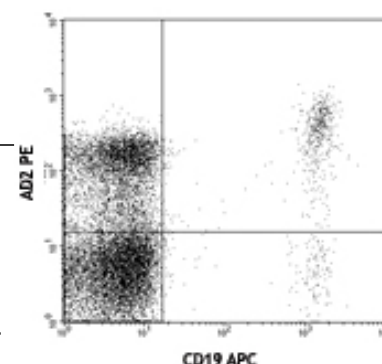
Related Products:
Product
 Purified Mouse IgG1, κ Isotype Ctrl
 Cell Staining Buffer
 RBC Lysis Buffer (10X)

Clone
MOPC-21

Application
 FC, ICFC, ICC, IF, IHC, IP, WB
 FC, ICC, ICFC
 FC, ICFC



Human peripheral blood lymphocytes stained with AD2 PE and CD3 APC



Human peripheral blood lymphocytes stained with AD2 PE and CD19 APC



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