

Product Data Sheet

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

Catalog # / Size: 344003 / 25 tests
 344004 / 100 tests

Clone: AD2

Isotype: Mouse IgG1, κ

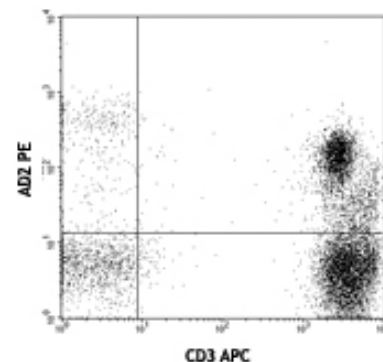
Workshop Number: V B-CD73.3

Reactivity: Human

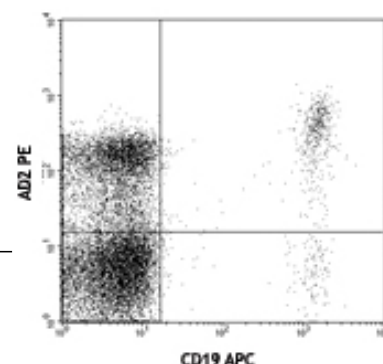
Preparation: The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



Human peripheral blood lymphocytes stained with AD2 PE and CD3 APC



Human peripheral blood lymphocytes stained with AD2 PE and CD19 APC

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. **Test size products are transitioning from 20 μ l to 5 μ l per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 μ l staining volume or per 100 μ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application. Read more at www.biolegend.com/testsize regarding the test size change.

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**
 PE Mouse IgG1, κ Isotype Ctrl
 Cell Staining Buffer
 RBC Lysis Buffer (10X)
 Human TruStain FcX™ (Fc Receptor Blocking Solution)

Clone
 MOPC-21

Application
 FC, ICFC
 FC, ICC, ICFC
 FC, ICFC
 FC, ICC, ICFC



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