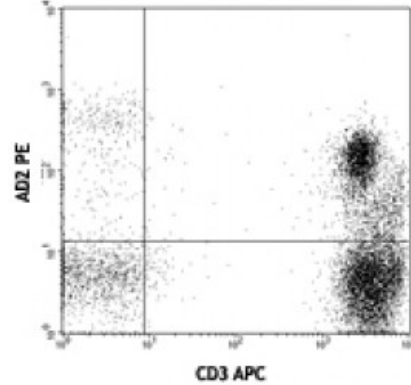


Purified anti-human CD73 (Ecto-55'-nucleotidase)

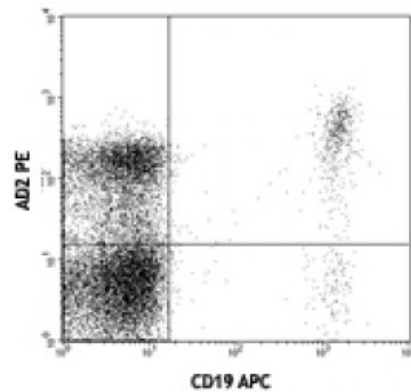
Catalog # / Size: 2320010 / 100 µg
Clone: AD2
Isotype: Mouse IgG1, κ
Reactivity: Human
Preparation: The antibody was purified by affinity chromatography.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Workshop Number: V B-CD73.3
Concentration: 0.5



Human peripheral blood lymphocytes stained with AD2 PE and CD3 APC

Applications:

Applications: Immunofluorescence
Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤2.0 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.
Application Notes: Additional reported applications (for the relevant formats) include: immunofluorescence³.



Human peripheral blood lymphocytes stained with AD2 PE and CD19 APC

Application References:
 1. Nakamura T, *et al.* 1993. *J. Immunol.* 151:6933.
 2. Liao J, *et al.* 2011. *J Endod.* 37:1217. [PubMed](#)
 3. Touboul C, *et al.* 2013. *J. Transl. Med.* 11:28. (IF)

Description: CD73 is a 70 kD glycoposphatidylinositol (GPI)-linked 5'-nucleotidase, which is 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.*