

CD73 Monoclonal Antibody (AD2), PE, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Published Species	Human, Mouse
Host / Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	AD2
Conjugate	PE
Form	Liquid
Concentration	5µL/Test
Purification	Affinity chromatography
Storage Buffer	PBS, pH 7.2, with 0.1% gelatin, 0.2% BSA
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_10733263

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.125 µg)/test	20 Publications

Product Specific Information

Description: This AD2 monoclonal antibody reacts with human CD73, a 5'-ectonucleotidase that converts 5'-adenosine monophosphate to adenosine. CD73 is expressed on the surface of endothelial cells, as well as B and T cells, including some CD4+Foxp3+ regulatory T cells. Adenosine production by these cells has been linked to the inhibition of CD4 T cell effector functions such as proliferation and cytokine secretion.

Applications Reported: This AD2 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This AD2 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (0.125 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test.

Excitation: 488-561 nm; **Emission:** 578 nm; **Laser:** Blue Laser, Green Laser, Yellow-Green Laser.

Filtration: 0.2 µm post-manufacturing filtered.

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