

Product Datasheet

CD73 Antibody (PE) (orb179899)

Catalog Number	orb179899
Category	Antibodies
Description	Mouse monoclonal antibody against CD73 conjugated to PE
Target	CD73
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Conjugation	PE
Reactivity	Human, Primate
Buffer/Preservatives	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Immunogen	pre-B leukemia cells
UniProt ID	P21589
Tested applications	FC
Application notes	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Specificity	The mouse monoclonal antibody AD2 recognizes CD73, a 70 kDa GPI-anchored 5'-nucleotidase expressed predominantly on the surface of T and B cell subsets, follicular dendritic cells and endothelial cells.

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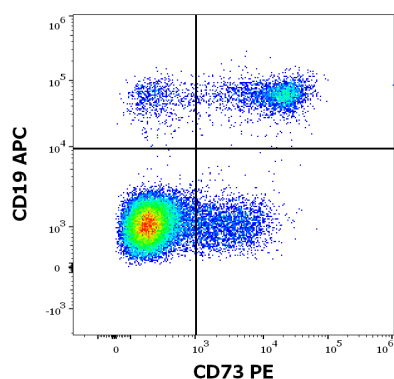
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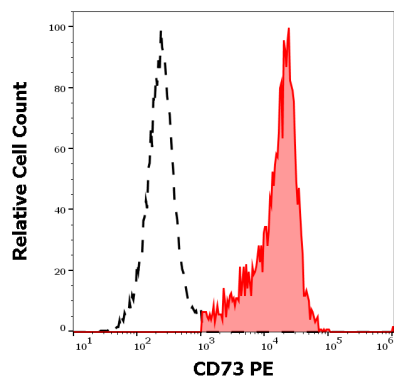
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Antibody Type	Primary Antibody
Clone Number	AD2
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Entrez	4907
Expiration Date	12 months from date of receipt.



Flow cytometry multicolor surface staining of human lymphocytes stained using anti-human CD73 (AD2) PE antibody (10 µl reagent / 100 µl of peripheral whole blood) and anti-human CD19 (LT19) APC antibody (10 µl reagent / 100 µl of peripheral whole blood).



Separation of human CD73 positive B cells (red-filled) from CD73 negative CD19 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD73 (AD2) PE antibody (10 µl reagent / 100 µl of peripheral whole blood).

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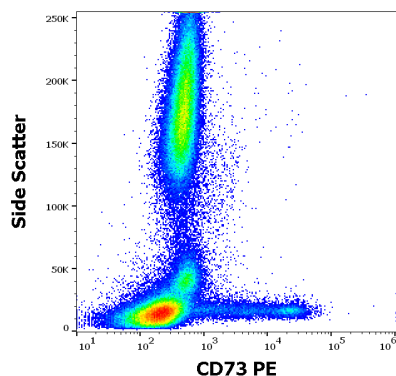
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Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD73 (AD2) PE antibody (10 µl reagent / 100 µl of peripheral whole blood).

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