

Product Datasheet

CD303 Antibody (APC) (orb1993787)

Catalog Number	orb1993787
Category	Antibodies
Description	CD303 Antibody (APC)
Target	CD303
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Conjugation	APC
Reactivity	Human
Buffer/Preservatives	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Immunogen	CD303 ectodomain fused with human IgG Fc domain
UniProt ID	Q8WTT0
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 15E3 recognizes an extracellular epitope of human CD303, a transmembrane glycoprotein expressed on plasmacytoid dendritic cells.

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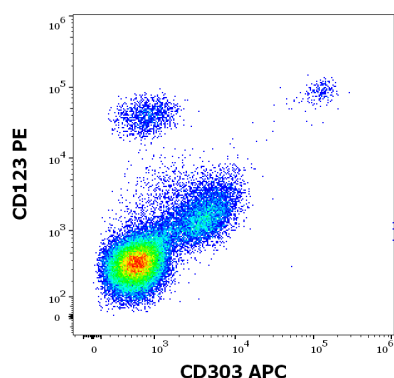
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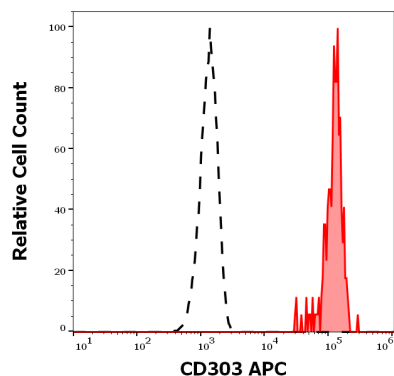
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Clone Number	15E3
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Entrez	170482
Expiration Date	12 months from date of receipt.



Flow cytometry multicolor surface staining pattern of human peripheral blood mononuclear cells stained using anti-human CD303 (15E3) APC antibody (10 µl reagent / 100 µl of peripheral whole blood) and anti-human CD123 (6H6) PE antibody (10 µl reagent / 100 µl of peripheral whole blood).



Separation of human CD303 positive CD123 positive plasmacytoid DC (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD303 (15E3) APC antibody (10 µl reagent / 100 µl of peripheral whole blood).

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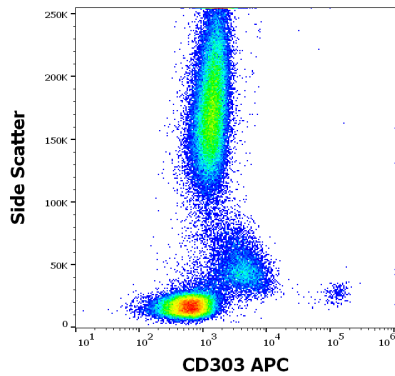
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Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD303 (15E3) APC antibody (10 µl reagent / 100 µl of peripheral whole blood).

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