

Product Datasheet

CD45RA Antibody (PE) (orb44332)

Catalog Number	orb44332
Category	Antibodies
Description	Mouse Monoclonal to CD45RA.
Target	CD45RA
Clonality	Monoclonal
Isotype	Mouse IgG2b
Conjugation	PE
Reactivity	Human
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	Human thymocytes and T lymphocytes.
RRID	AB_11012890
Tested applications	FC
Application notes	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.

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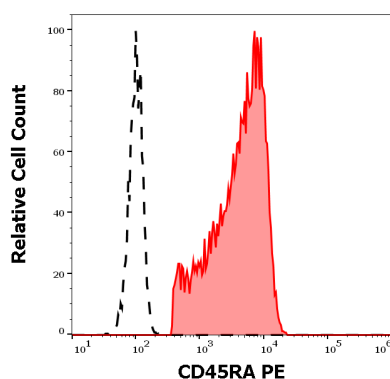
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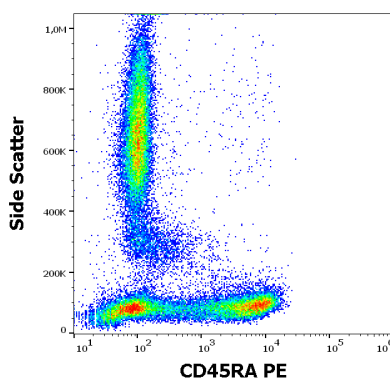
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Specificity	The antibody MEM-56 reacts with an extracellular epitope of CD45RA, a 205-220 kDa single chain type I glycoprotein, variant of CD45 (CD45RA isoform). CD45RA is expressed on most of B lymphocytes, resting and native T lymphocytes, medullar thymocytes and monocytes.
Antibody Type	Primary Antibody
Clone Number	MEM-56
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Entrez	35
Expiration Date	12 months from date of receipt.



Separation of human CD45RA positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of peripheral whole blood stained using anti-human CD45RA (MEM-56) PE antibody (20 µl reagent / 100 µl of peripheral whole blood).



Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD45RA (MEM-56) PE antibody (20 µl reagent / 100 µl of peripheral whole blood).

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