

## Product Datasheet

### CD45RA Antibody (PE) (orb44332)

<b>Catalog Number</b>	orb44332
<b>Category</b>	Antibodies
<b>Description</b>	Mouse Monoclonal to CD45RA.
<b>Target</b>	CD45RA
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	Mouse IgG2b
<b>Conjugation</b>	PE
<b>Reactivity</b>	Human
<b>Buffer/Preservatives</b>	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
<b>Purification</b>	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
<b>Immunogen</b>	Human thymocytes and T lymphocytes.
<b>RRID</b>	AB_11012890
<b>Tested applications</b>	FC
<b>Application notes</b>	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.

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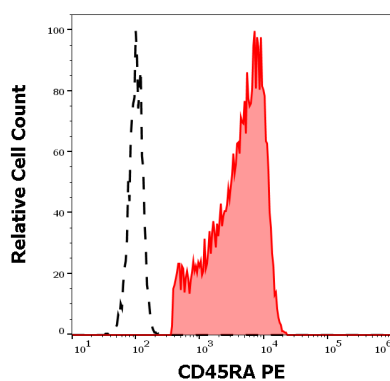
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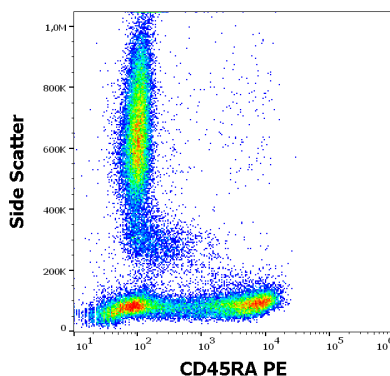
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<b>Specificity</b>	The antibody MEM-56 reacts with an extracellular epitope of CD45RA, a 205-220 kDa single chain type I glycoprotein, variant of CD45 (CD45RA isoform). CD45RA is expressed on most of B lymphocytes, resting and native T lymphocytes,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