

Product Datasheet

CD56 Antibody (PE) (orb222790)

Catalog Number	orb222790
Category	Antibodies
Description	Mouse monoclonal antibody against CD56 conjugated to PE
Target	CD56
Clonality	Monoclonal
Isotype	Mouse IgG2a kappa
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	Cell line KG1a
UniProt ID	P13591
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 LT56 recognizes an extracellular epitope of CD56 (NCAM), a transmembrane glycoprotein expressed ubiquitously in the nervous system and found also on T cells and NK cells.

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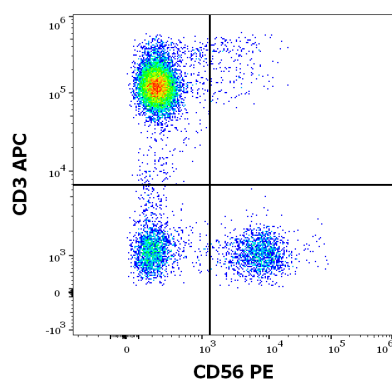
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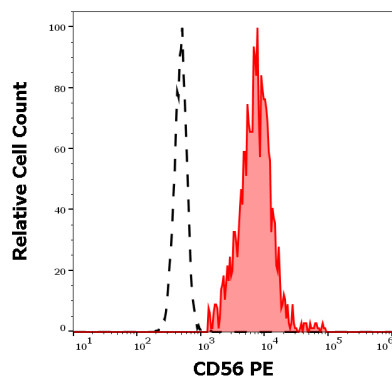
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Antibody Type	Primary Antibody
Clone Number	LT56
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Entrez	4684
Expiration Date	12 months from date of receipt.



Flow cytometry multicolor surface staining of human peripheral whole blood stained using anti-human CD56 (LT56) PE antibody (10 µl reagent / 100 µl of peripheral whole blood) and anti-human CD3 (UCHT1) APC antibody (10 µl reagent / 100 µl of peripheral whole blood).



Separation of human CD56 positive CD3 negative NK cells (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD56 (LT56) PE antibody (10 µl reagent / 100 µl of peripheral whole blood).

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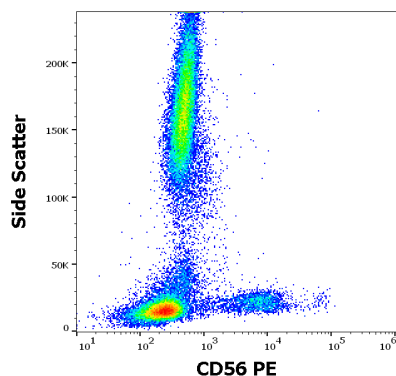
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Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD56 (LT56) PE antibody (10 µl reagent / 100 µl of peripheral whole blood).

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