

Product Datasheet

CD57 Antibody (PE) (orb414544)

Catalog Number	orb414544
Category	Antibodies
Description	Mouse monoclonal antibody against CD57 conjugated to PE
Target	CD57
Clonality	Monoclonal
Isotype	Mouse IgM
Conjugation	PE
Reactivity	Human
Buffer/Preservatives	Stabilizing Tris buffered saline (TBS), pH 8.0, 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	A pool of neuroblastoma cell lines
UniProt ID	Q9P2W7
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 TB01 recognizes CD57, a carbohydrate extracellular antigen present mainly on NK cells, NK T cells, and in neural tissue.

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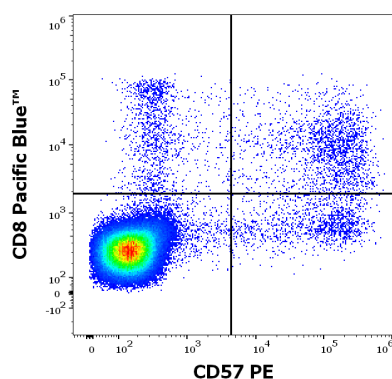
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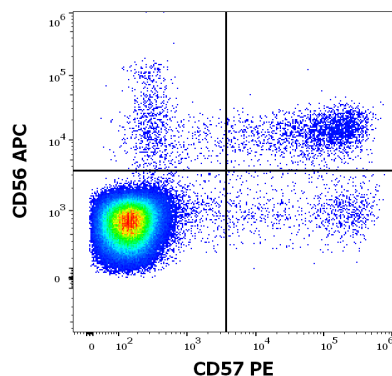
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Antibody Type	Primary Antibody
Clone Number	TB01
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Entrez	27087
Expiration Date	12 months from date of receipt.



Flow cytometry multicolor surface staining of human lymphocytes stained using anti-human CD57 (TB01) PE antibody (10 µl reagent / 100 µl of peripheral whole blood) and anti-human CD8 (MEM-31) Pacific Blue™ antibody (4 µl reagent / 100 µl of peripheral whole blood).



Flow cytometry multicolor surface staining of human lymphocytes stained using anti-human CD57 (TB01) PE antibody (10 µl reagent / 100 µl of peripheral whole blood) and anti-human CD56 (LT56) APC antibody (10 µl reagent / 100 µl of peripheral whole blood).

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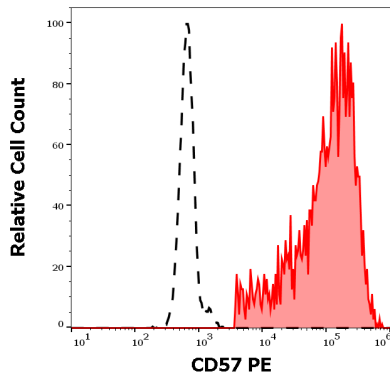
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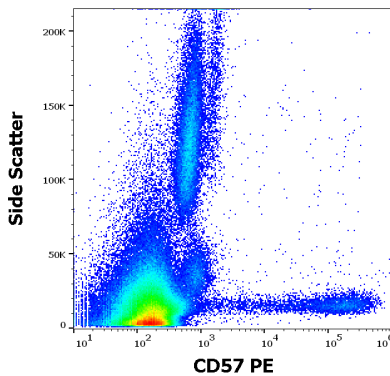
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Separation of human CD57 positive NK cells (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD57 (TB01) PE antibody (10 µl reagent / 100 µl of peripheral whole blood).



Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD57 (TB01) PE antibody (10 µl reagent / 100 µl of peripheral whole blood).

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