

Product Datasheet

CD81 Antibody (PE) (orb43974)

Catalog Number	orb43974
Category	Antibodies
Description	Mouse Monoclonal to CD81.
Target	CD81
Clonality	Monoclonal
Isotype	Mouse IgG1
Conjugation	PE
Reactivity	Feline, Human, Rabbit
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	MOLT-4 (human T-ALL cell line)
UniProt ID	P60033
RRID	AB_10992563
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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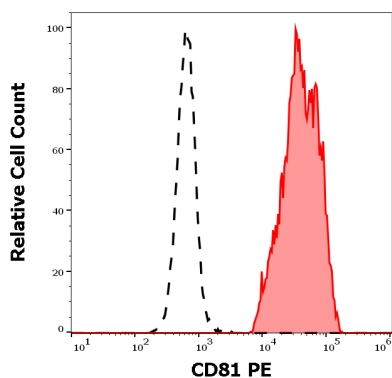
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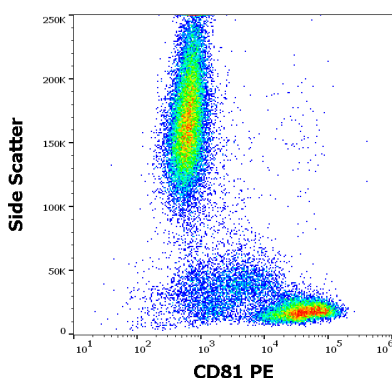
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Specificity	The antibody M38 reacts with an extracellular epitope of CD81, a 25 kDa member of the tetraspanin family, expressed on majority of cells.
Antibody Type	Primary Antibody
Clone Number	M38
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Entrez	975
Expiration Date	12 months from date of receipt.



Separation of human lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD81 (M38) 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 CD81 (M38) PE antibody (20 µl reagent / 100 µl of peripheral whole blood).

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