

Product Datasheet

Anti-Hu CD133 PE (orb545654)

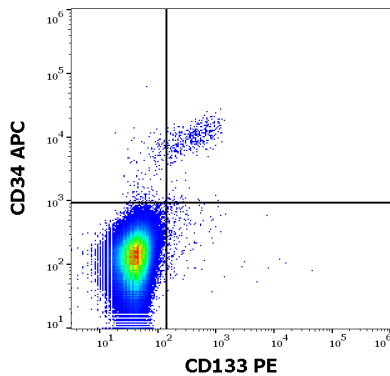
Description	Mouse monoclonal antibody against CD133 conjugated to PE
Reactivity	Human
Conjugation	PE
Tested Applications	FC
Immunogen	WERI-RB-1 retinoblastoma cell line
Target	CD133
Preservatives	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
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.
Isotype	Mouse IgG1
Clonality	Monoclonal
Clone Number	W6B3C1
Purity	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Uniprot ID	O43490
Entrez	8842
Expiration Date	12 months from date of receipt.

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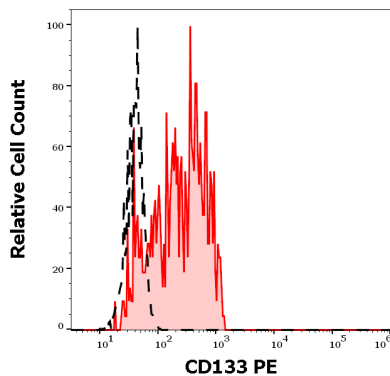
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Flow cytometry multicolor surface staining of human lymphocytes stained using anti-human CD133 (W6B3C1) PE antibody (10 µl reagent / 100 µl of peripheral whole blood) and anti-human CD34 (581) APC antibody (4 µl reagent / 100 µl of peripheral whole blood).



Separation of human CD34 positive stem cells (red-filled) from lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD133 (W6B3C1) PE antibody (10 µl reagent / 100 µl of peripheral whole blood).

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