

## Product Datasheet

### CD88 Antibody (FITC) (orb1821018)

<b>Catalog Number</b>	orb1821018
<b>Category</b>	Antibodies
<b>Description</b>	CD88 Antibody (FITC)
<b>Target</b>	CD88
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	Mouse IgG2a kappa
<b>Conjugation</b>	FITC
<b>Reactivity</b>	Bovine, Ferret, Human, Rabbit
<b>Buffer/Preservatives</b>	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
<b>Purification</b>	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
<b>Immunogen</b>	Recombinant N-terminal peptide (Asp15-Asp27) of human C5aR
<b>UniProt ID</b>	<b>P21730</b>
<b>Tested applications</b>	FC
<b>Application notes</b>	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
<b>Specificity</b>	The mouse monoclonal antibody S5/1 recognizes an extracellular epitope of CD88 protein, a 43 kDa receptor of C5a component of the complement cascade.

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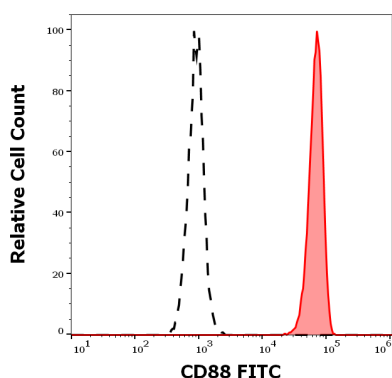
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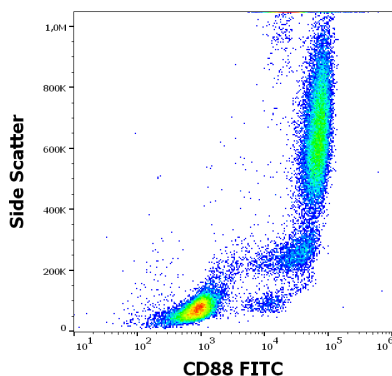
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<b>Clone Number</b>	S5/1
<b>Storage</b>	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
<b>Note</b>	For research use only
<b>Entrez</b>	<b>728</b>
<b>Expiration Date</b>	12 months from date of receipt.



Separation of human neutrophil granulocytes (red-filled) from lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD88 (S5/1) FITC antibody (4  $\mu$ l reagent / 100  $\mu$ l of peripheral whole blood).



Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD88 (S5/1) FITC antibody (4  $\mu$ l reagent / 100  $\mu$ l of peripheral whole blood).

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