

Product Datasheet

Anti-Hu C5aR2 PE (orb1088477)

Description	C5aR2, also known as C5L2, is one of two receptors for C5a (anaphylatoxin). It is coexpressed with C5aR1 (CD88) in neutrophils, as well as e.g. in mast cells, astrocytes, or macrophages, and seems to have both pro-inflammatory and anti-inflammatory roles, depending on circumstances. Unlike CD88, C5aR2 is not coupled to G-protein, thus the modulatory role is more likely.
Reactivity	Human, Primate
Conjugation	PE
Tested Applications	FC
Immunogen	L1.2 cells transfected with human C5aR2
Target	C5aR2
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 IgG2a kappa
Clonality	Monoclonal
Clone Number	1D9-M12
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	Q9P296

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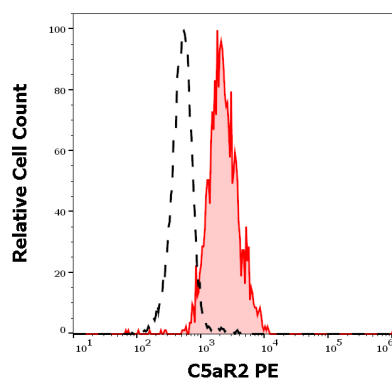
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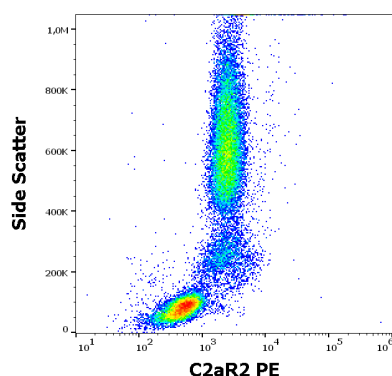
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12 months from date of receipt.



Separation of human neutrophil granulocytes (red-filled) from C5aR2 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human C5aR2 (1D9-M12) 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 C5aR2 (1D9-M12) PE antibody (10 µl reagent / 100 µl of peripheral whole blood).

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