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30-2694: Anti-Hu CD200R PE

Clonality :	Monoclonal
Clone Name :	OX-108
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Gene ID :	131450
Uniprot ID :	Q8TD46
Alternative Name :	OX2R, MOX2R, HCRTR2
Isotype :	Mouse IgG1 kappa
Immunogen Information :	Recombinant human CD200R

Description

The mouse monoclonal antibody OX-108 recognizes an extracellular epitope on human CD200R, a transmembrane flycoprotein expressed on the surface of myeloid cells. CD200R is a transmembrane glycoprotein, expressed on the surface of myeloid cells. Its interaction with CD200 leads in these cells to a downregulatory signal. This interaction may control myeloid function in a tissue-specific manner. Alternative splicing of CD200R gene results in multiple transcript variants. These isoforms may play a role in differentiation, e.g. regards tolerogenic dendritic cells. Besides myeloid cells, CD200R can be found also on a T cell subset.

Product Info

Amount :	100 Tests
Purification :	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Content :	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Application Note

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.

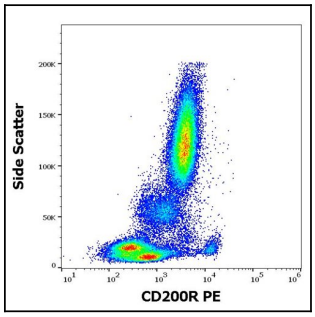

Figure-1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD200R (OX-108) PE antibody (10 Î¼l reagent / 100 Î¼l of peripheral whole blood).

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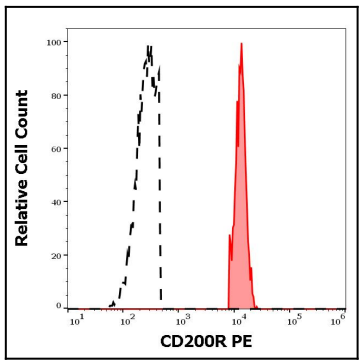

Figure-2: Separation of human CD200R positive basophil granulocytes (red-filled) from CD200R negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD200R (OX-108) PE antibody (10 Î¼l reagent / 100 Î¼l of peripheral whole blood).