

### 30-2694: Anti-Hu CD200R PE

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

### Description

The mouse monoclonal antibody OX-108 recognizes an extracellular epitope on human CD200R, a transmembrane glycoprotein 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

<b>Amount :</b>	100 Tests
<b>Purification :</b>	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
<b>Content :</b>	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
<b>Storage condition :</b>	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.

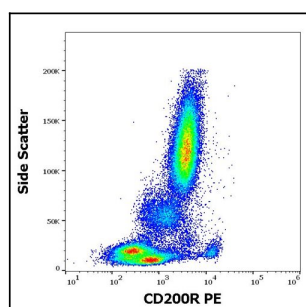


Figure-1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD200R (OX-108) PE antibody (10 µl reagent / 100 µl of peripheral whole blood).

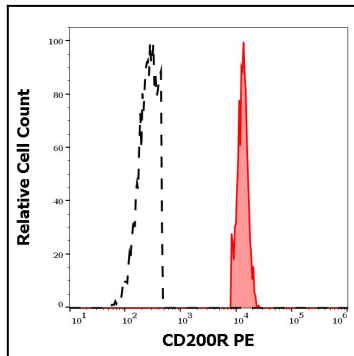


Figure-2: Separation of human CD200R positive basophil granulocytes (red-filled) from CD200R negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD200R (OX-108) PE antibody (10  $\mu$ l reagent / 100  $\mu$ l of peripheral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