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Datasheet for ABIN7505883  
**anti-CD200R1 antibody (PE)**

2 Images

### Overview

Quantity:	100 tests
Target:	CD200R1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD200R1 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

### Product Details

Purpose:	Anti-Hu CD200R PE
Immunogen:	Recombinant human CD200R
Clone:	OX-108
Isotype:	IgG1 kappa
Specificity:	The mouse monoclonal antibody OX-108 recognizes an extracellular epitope on human CD200R, a transmembrane glycoprotein expressed on the surface of myeloid cells.
Purification:	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

### Target Details

Target:	CD200R1
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## Target Details

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Alternative Name:	CD200R ( <a href="#">CD200R1 Products</a> )
Background:	CD200 receptor 1,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.,OX2R, MOX2R, HCRTR2
Gene ID:	131450
UniProt:	<a href="#">Q8TD46</a>

## Application Details

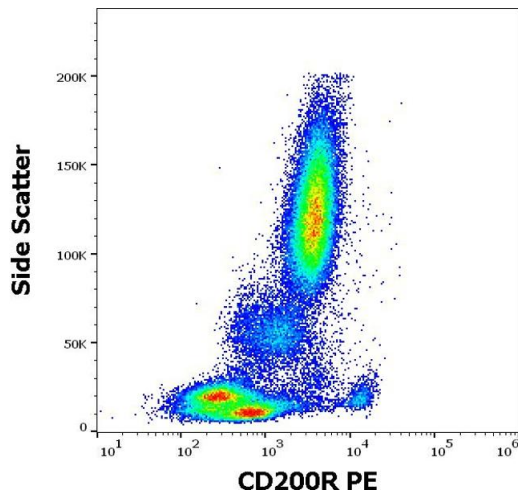
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Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µL reagent / 100 µL of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Restrictions:	For Research Use only

## Handling

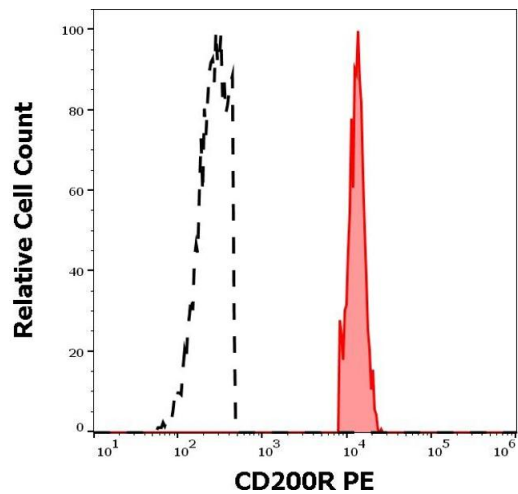
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Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.



### Flow Cytometry

**Image 1.** Flow cytometry surface staining pattern 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).



### Flow Cytometry

**Image 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).