

## Product datasheet

# PE Anti-CD200R antibody [OX102] ab34135

★★★★☆ 4 Abreviews 1 References 1 Image

### Overview

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<b>Product name</b>	PE Anti-CD200R antibody [OX102]
<b>Description</b>	PE Mouse monoclonal [OX102] to CD200R
<b>Host species</b>	Mouse
<b>Conjugation</b>	PE. Ex: 488nm, Em: 575nm
<b>Species reactivity</b>	<b>Reacts with:</b> Rat
<b>Immunogen</b>	Tissue, cells or virus corresponding to Rat CD200R. Rat peritoneal exudate cells.

### General notes

This antibody has been shown to block the interaction of OX2 ligand with CD200.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

### Properties

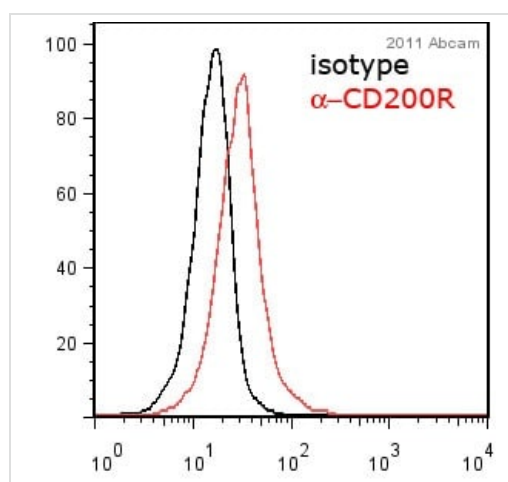
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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituents: PBS, 1% BSA
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	This antibody was purified tissue culture supernatant.
<b>Primary antibody notes</b>	This antibody has been shown to block the interaction of OX2 ligand with CD200.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	OX102
<b>Myeloma</b>	NS1
<b>Isotype</b>	IgG1

## Target

<b>Function</b>	Receptor for the CD200/OX2 cell surface glycoprotein. Also binds to HHV-8 K14 viral CD200 homolog with identical affinity and kinetics as the host CD200.
<b>Tissue specificity</b>	Expressed in granulocytes, monocytes, most T cells, neutrophils, basophils and a subset of NK, NKT and B cells (at protein level). Expressed in bone marrow, lymph nodes, spleen, lung, liver, spinal cord, kidney. Expressed in monocyte-derived dendritic and mast cells.
<b>Sequence similarities</b>	Belongs to the CD200R family. Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
<b>Post-translational modifications</b>	The mature form of isoform 2 and/or isoform 4 starts at sequence position 27 of the corresponding isoform.
<b>Cellular localization</b>	Secreted and Cell membrane.

## Images



Overlay histogram showing Rat blood cells stained with ab34135 (red line). The sample was prepared by lysing Red Blood cells and cells were fixed with formaldehyde. The cells were then incubated with the antibody for 1 hour diluted 1/100 in PBS/1% BSA/0.01% Azide. The cell population was gated on monocytes.

Flow Cytometry - PE Anti-CD200R antibody [OX102]

(ab34135)

This image is courtesy of an Anonymous Abreview.

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