

## Product datasheet

# PE/Cy7® Anti-CD200 / OX2 antibody [OX-104] ab272336

3 Images

### Overview

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<b>Product name</b>	PE/Cy7® Anti-CD200 / OX2 antibody [OX-104]
<b>Description</b>	PE/Cy7® Mouse monoclonal [OX-104] to CD200 / OX2
<b>Host species</b>	Mouse
<b>Conjugation</b>	PE/Cy7®. Ex: 496nm, Em: 774nm
<b>Specificity</b>	The mouse monoclonal antibody OX-104 recognizes an extracellular epitope of CD200.
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment corresponding to Human CD200/ OX2. Database link: <a href="#">P41217</a>
<b>Epitope</b>	extracellular
<b>Positive control</b>	Flow cyt: Human peripheral whole blood.
<b>General notes</b>	<p>This product or portions thereof is manufactured under license from Carnegie Mellon University under U.S. Patent Number 5, 268, 486 and related patents. Cy® and CyDye® are trademarks of Cytiva.</p> <p>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.</p> <p>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&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Store In the Dark.
<b>Storage buffer</b>	pH: 7.4 Preservative: 0.0975% Sodium azide Constituent: PBS
<b>Purity</b>	Size exclusion

<b>Purification notes</b>	Purified from TCS.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	OX-104
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

## Applications

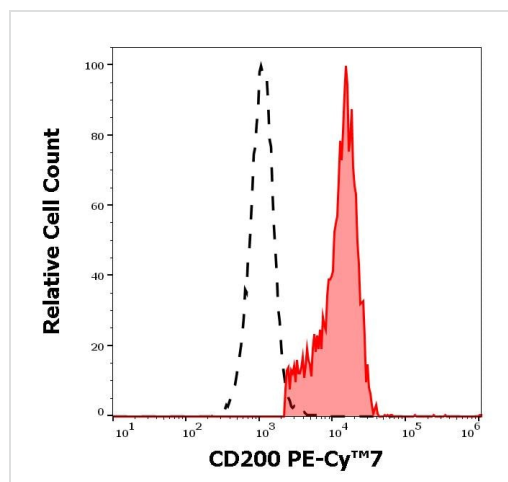
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab272336 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 4µl for 10 <sup>6</sup> cells. In a volume of 100 µL cell suspension.

## Target

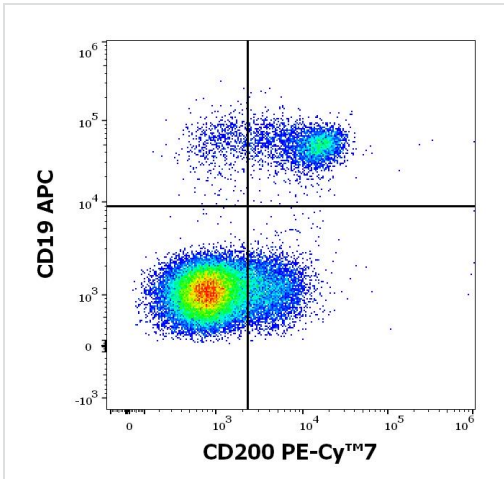
<b>Function</b>	Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues.
<b>Sequence similarities</b>	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
<b>Cellular localization</b>	Cell membrane.

## Images



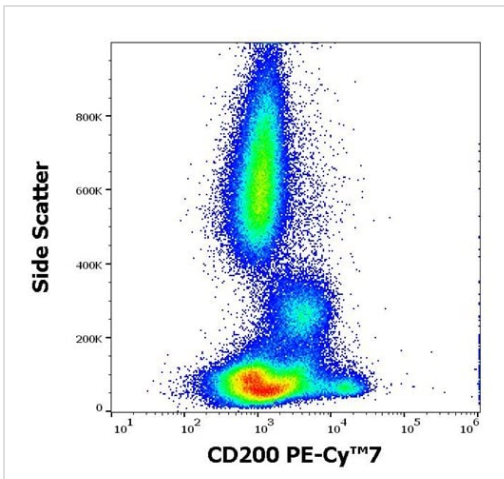
Flow cytometric analysis showing separation of CD200 positive B cells (red) from neutrophils (dashed) using ab272336 at 4 µL / 10<sup>6</sup> cells to label CD200 in human peripheral whole blood (100 µL).

Flow Cytometry - PE/Cy7® Anti-CD200 / OX2 antibody [OX-104] (ab272336)



Flow cytometric analysis of human peripheral whole blood labeling CD200 with ab272336 at 4  $\mu\text{L}$  /  $10^6$  cells (in 100  $\mu\text{L}$  cell suspension) and an APC-labeled anti-CD19 antibody.

Flow Cytometry - PE/Cy7® Anti-CD200 / OX2 antibody [OX-104] (ab272336)



Flow cytometric analysis of human peripheral whole blood labeling CD200 with ab272336 at 4  $\mu\text{L}$  /  $10^6$  cells (in 100  $\mu\text{L}$  cell suspension).

Flow Cytometry - PE/Cy7® Anti-CD200 / OX2 antibody [OX-104] (ab272336)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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