

Product datasheet

APC Anti-CD200 / OX2 antibody [OX104] ab134489

★★★★☆ [4 Abreviews](#) [1 References](#) [2 Images](#)

Overview

Product name	APC Anti-CD200 / OX2 antibody [OX104]
Description	APC Mouse monoclonal [OX104] to CD200 / OX2
Host species	Mouse
Conjugation	APC. Ex: 645nm, Em: 660nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human, Cynomolgus monkey
Immunogen	Recombinant fragment corresponding to Human CD200/ OX2. Human OX2CD4d3+4 soluble fusion protein
Positive control	Human peripheral blood cells
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: 0.09% PBS, 0.2% BSA</p>
Purity	Protein G purified
Clonality	Monoclonal
Clone number	OX104
Isotype	IgG1

Applications

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab134489 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	★★★★☆ (4)	Use 5µl for 10 ⁶ cells. ab37391 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

Function

Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues.

Sequence similarities

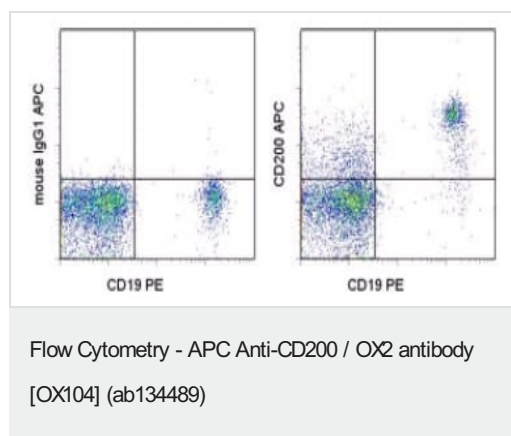
Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

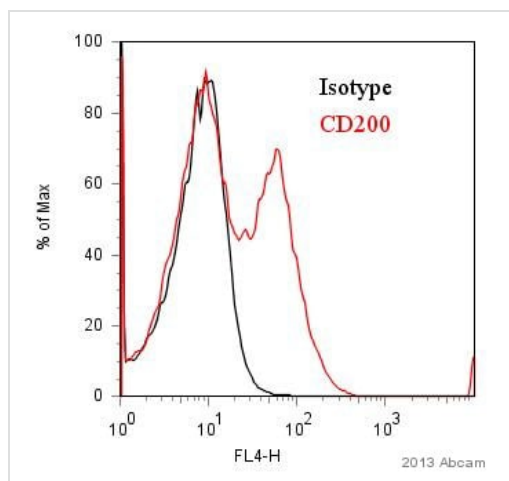
Cellular localization

Cell membrane.

Images



Flow cytometry analysis of normal Human peripheral blood cells with Anti-Human CD19 PE and 0.25 µg of Mouse IgG1 kappa Isotype Control APC (left) or 5 µl (0.25 µg) ab134489 (right). Cells in the lymphocyte gate were used for analysis.



Flow Cytometry - APC Anti-CD200 / OX2 antibody
[OX104] (ab134489)

This image is courtesy of an anonymous Abreview

Flow cytometry analysis of Cynomolgus monkey whole blood after red blood cell lysis, staining CD200 / OX2 with ab134489. Cells were fixed with paraformaldehyde. The sample was incubated with the primary antibody (1/100 in 1% BSA in PBS) for 1 hour at 4°C. .

Gating Strategy: Live lymphocytes

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors