

## Product datasheet

### Anti-CD200 / OX2 antibody [MRC OX90] ab33734

★★★★★ [1 Abreviews](#) [3 References](#) [1 Image](#)

#### Overview

<b>Product name</b>	Anti-CD200 / OX2 antibody [MRC OX90]
<b>Description</b>	Rat monoclonal [MRC OX90] to CD200 / OX2
<b>Host species</b>	Rat
<b>Tested applications</b>	<b>Suitable for:</b> IHC-FoFr
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Fusion protein corresponding to Mouse CD200/ OX2. Database link: <a href="#">O54901</a>
<b>Positive control</b>	Flow Cyt: C57BL/6 splenocytes.
<b>General notes</b>	<p>Spleen cells from immunised rats were fused with cells of the rat Y3 myeloma cell line.</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

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituent: PBS
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	This purified antibody was prepared by affinity chromatography on Protein G from tissue culture supernatant.
<b>Primary antibody notes</b>	Spleen cells from immunised rats were fused with cells of the rat Y3 myeloma cell line.
<b>Clonality</b>	Monoclonal

Clone number	MRC OX90
Isotype	IgG2a

## Applications

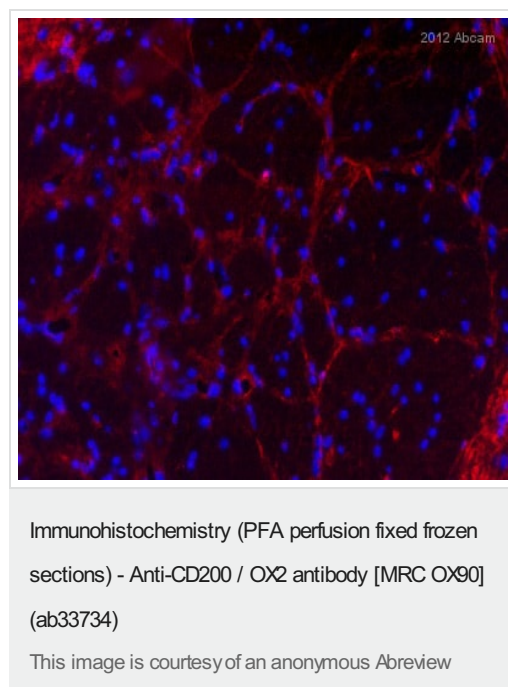
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab33734 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-FoFr	★★★★★ (1)	Use at an assay dependent concentration.

## 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



Immunohistochemical analysis of murine brain tissue, staining CD200 / OX2 with ab33734.

Tissue was fixed with paraformaldehyde and blocked with 5% BSA + 5% serum for 1 hour at room temperature. Samples were incubated with primary antibody (1/600 in 5% BSA + 5% NGS) for 17 hours at 4°C. An AlexaFluor®555-conjugated goat anti-rat polyclonal IgG (1/200) was used as the secondary antibody.

**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