

Product datasheet

Anti-CD200 / OX2 antibody [MRC OX90] ab33734

★★★★★ 1 Abreviews 2 References 1 Image

Overview

Product name	Anti-CD200 / OX2 antibody [MRC OX90]
Description	Rat monoclonal [MRC OX90] to CD200 / OX2
Host species	Rat
Tested applications	Suitable for: IHC-FoFr
Species reactivity	Reacts with: Mouse
Immunogen	Fusion protein corresponding to Mouse CD200/ OX2. Database link: O54901
Positive control	Flow Cyt: C57BL/6 splenocytes.
General notes	<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&As</p>

Properties

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

Clone number MRC OX90
Isotype IgG2a

Applications

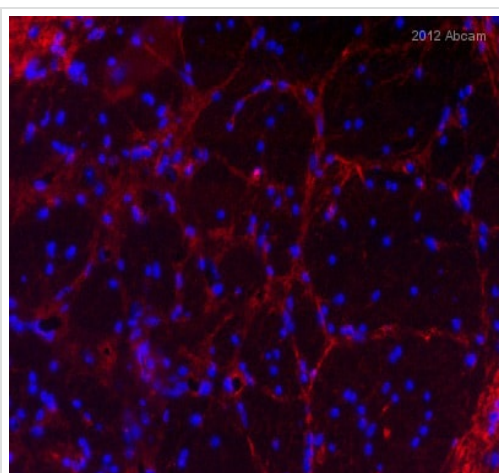
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab33734 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Target

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



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.

Immunohistochemistry (PFA perfusion fixed frozen sections) - Anti-CD200 / OX2 antibody [MRC OX90] (ab33734)

This image is courtesy of an anonymous Abreview

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