

Product datasheet

Anti-CD200 / OX2 antibody [MRC OX-2] ab22353

1 Image

Overview

Product name	Anti-CD200 / OX2 antibody [MRC OX-2]
Description	Mouse monoclonal [MRC OX-2] to CD200 / OX2
Host species	Mouse
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Rat
Immunogen	Tissue, cells or virus. This information is proprietary to Abcam and/or its suppliers.
Positive control	Flow Cyt: Lewis rat splenocytes.
General notes	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</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. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Protein G purified
Purification notes	Purified from TCS.
Primary antibody notes	This antibody is a useful marker for the follicular dendritic cells in lymphoid tissues as it does not label the dendritic (interdigitating) cells in T areas that are Ia antigen positive.
Clonality	Monoclonal
Clone number	MRC OX-2

Isotype IgG1
Light chain type kappa

Applications

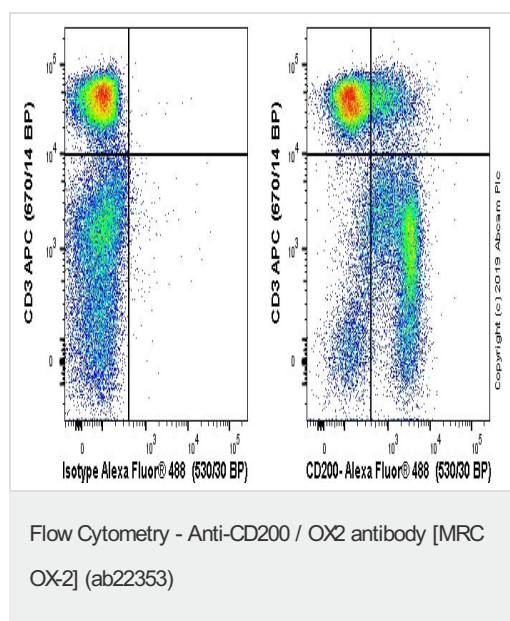
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab22353 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use a concentration of 0.2 µg/ml.

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



Lewis rat splenocytes stained with ab22353 (right) or mouse IgG1k (left). Lewis rat splenocytes were incubated for 30 min on ice in 10% rat serum to block FC receptors and non-specific protein-protein interaction followed by the antibody (ab22353) or mouse IgG1k Isotype (ab170190) (1×10^6 in 100 µl at 0.2 µg/ml) for 30 min on ice.

The secondary antibody Goat Anti-Mouse IgG H&L (Alexa Fluor[®] 488, pre-adsorbed) (ab150117) was used at 1/2000 dilution for 30 min at 4°C. The cells were simultaneously stained with CD3 APC antibody.

Acquisition of >30,000 events were collected using a 50 mW Blue laser (488nm) and 530/30 bandpass filter. Events were gated on viable lymphocytes.

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

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