

Anti-CD200 / OX2 antibody [EPR22412-53] - BSA and Azide free ab254213

Recombinant RabMAb

2 Images

Overview

Product name	Anti-CD200 / OX2 antibody [EPR22412-53] - BSA and Azide free
Description	Rabbit monoclonal [EPR22412-53] to CD200 / OX2 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt Unsuitable for: ICC/IF, IHC-P or WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	Flow Cyt: Human peripheral blood mononuclear cells.
General notes	<p>ab254213 is the carrier-free version of ab252920.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR22412-53
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab254213 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

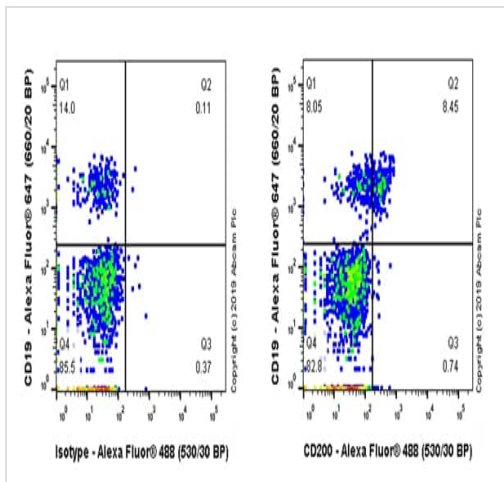
Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration.

Application notes Is unsuitable for ICC/IF, IHC-P or WB.

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 - Anti-CD200 / OX2 antibody
[EPR22412-53] - BSA and Azide free (ab254213)

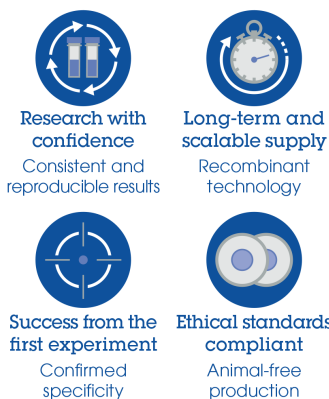
Flow cytometric analysis of 4% paraformaldehyde-fixed human peripheral blood mononuclear cells labeling CD200 at 1/50 dilution (right) compared to a Rabbit monoclonal IgG ([ab172730](#), Left) isotype control. Goat anti rabbit IgG (Alexa Fluor[®] 488, [ab150097](#)) was used as the secondary antibody at 1/5000 dilution.

Cells were stained with rabbit IgG (Left) or [ab252920](#) (Right). Then stained with anti-CD19 conjugated with Alexa Fluor[®] 647. The expression pattern is consistent with literature (PMID: 28587354).

Gated on viable cells.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab252920](#)).

Why choose a recombinant antibody?



Anti-CD200 / OX2 antibody [EPR22412-53] - BSA
and Azide free (ab254213)

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

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