

Product datasheet

PE Anti-CCR2 antibody [EPR20844] ab245899

Recombinant RabMAb

2 Images

Overview

Product name	PE Anti-CCR2 antibody [EPR20844]
Description	PE Rabbit monoclonal [EPR20844] to CCR2
Host species	Rabbit
Conjugation	PE. Ex: 488nm, Em: 575nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Flow Cyt: C57BL/6 mouse splenocytes.
General notes	<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 short term (1-2 weeks). Upon delivery aliquot. Store at +4°C. Store In the Dark.
Storage buffer	pH: 7.4 Preservative: 0.02% Sodium azide Constituents: 1% BSA, PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR20844
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab245899 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		1/500. The cellular localisation of this product has been verified in ICC/IF.

Target

Function

Receptor for the MCP-1, MCP-3 and MCP-4 chemokines. Transduces a signal by increasing the intracellular calcium ions level. Alternative coreceptor with CD4 for HIV-1 infection.

Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

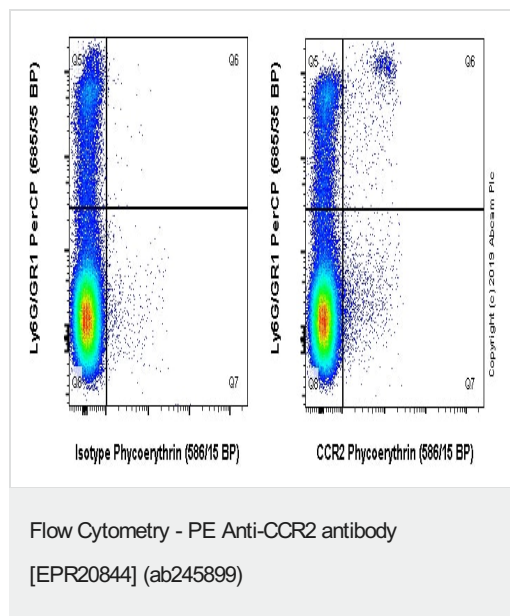
Post-translational modifications

N-glycosylated.

Cellular localization

Cell membrane.

Images



C57BL/6 mouse splenocytes stained with ab245899 (right) or Rabbit IgG (monoclonal) Phycoerythrin (Isotype control (**ab209478**)) (left). C57BL/6 Mouse splenocytes were incubated for 30 min on ice in 1x PBS containing 10 µg/ml anti CD16/32 antibody and 10% normal goat serum to block FC receptors and non-specific protein-protein interactions followed by the antibody (ab245899) or Rabbit IgG (monoclonal) Phycoerythrin (Isotype control (**ab209478**)) (1×10^6 cells in 100 µl at 1 µg/ml (1/500)) for 30 min on ice. The cells were simultaneously stained with Ly6G/GR1 PerCP conjugated antibody (**ab236728**).

Acquisition of >30,000 events were collected using a 50 mW Yellow/Green laser (561 nm) and 586/15 bandpass filter.

Events were gated on viable lymphocytes.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

PE Anti-CCR2 antibody [EPR20844] (ab245899)

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

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- We investigate all quality concerns to ensure our products perform to the highest standards

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