

Product datasheet

Anti-CXCR3 antibody [EPR23845-44] ab259865

Recombinant RabMAb

[1 References](#) [2 Images](#)

Overview

Product name	Anti-CXCR3 antibody [EPR23845-44]
Description	Rabbit monoclonal [EPR23845-44] to CXCR3
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt Unsuitable for: ICC/IF, IHC-P, IP or WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Flow cyt: Human peripheral blood mononuclear cells.
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 -20°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR23845-44
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab259865 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.

Application notes

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

Target

Function

Receptor for CXCL9, CXCL10 and CXCL11 and mediates the proliferation of human mesangial cells (HMC).

Isoform 2 is a receptor for CXCL4 and also mediates the inhibitory activities of CXCL9, CXCL10 and CXCL11 on the growth of human microvascular endothelial cells (HMVEC). May play a role in angiogenesis.

Isoform 3 mediates the activity of CXCL11.

Tissue specificity

Isoform 1 and isoform 2 are mainly expressed in heart, kidney, liver and skeletal muscle. Isoform 1 is also expressed in placenta.

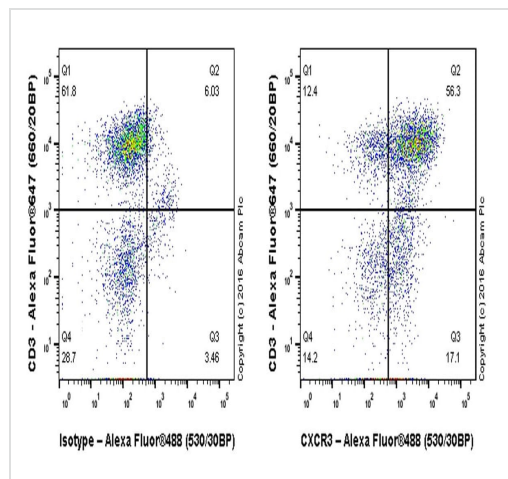
Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

Cellular localization

Cell membrane.

Images



Flow cytometric analysis of human peripheral blood mononuclear cells (PBMC) (treated with 200U/ml Interleukin-2 (IL-2) and 1 µg/ml Phytohemagglutinin (PHA) for 6 days) labelling CXCR3 with ab259865 at 1/500 dilution (0.1 µg) (Right) compared with a Rabbit monoclonal IgG (**ab172730**) isotype control (Left). Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) at 1/2000 dilution was used as the secondary antibody.

Cells were stained with rabbit IgG or ab259865. Then stained with anti-CD3 conjugated to Alexa Fluor® 647.

Gated on viable cells.

Flow Cytometry - Anti-CXCR3 antibody [EPR23845-44] (ab259865)

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

Anti-CXCR3 antibody [EPR23845-44] (ab259865)

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

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