

Rabbit anti-CXCR3 (mouse)

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Store at 2 to 8°C (short-term), or -20°C (long-term)

Clonality: Polyclonal
Concentration: 0.25 mg/mL
Quantity: 100 µg
Volume: 400 µL

Host/Class: Rabbit Ig
Reactivity: Mouse

Product Description

Chemokines comprise a superfamily of small, secreted proteins that can be classified into two major subgroups, CC and CXC, based on the organization of amino acids at the first cysteine pair. Chemokines play crucial roles in leukocyte development, function, and trafficking as well as viral entry and infection, and in receptor/fusion complexes of primate immunodeficiency viruses. Chemokine receptors can also be classified into two broad groups, with CC receptors binding CC chemokines and CXC receptors binding CXC chemokines. The G-protein coupled CXCR3 receptor has been shown to bind the CXC chemokines IP10 and MIG, both of which have angiostatic properties. Interestingly CXCR3 also binds the angiostatic CC chemokine 6CKine, eotaxin and MCP-4. CXCR3 was shown to be expressed on malignant B cells from patients with chronic lymphoproliferative disorders where the receptor functions in chemotaxis of malignant B cells. During development reactivity was confirmed with mouse CXCR3. Reactivity was confirmed by FACS analysis of transfected IL-2 stimulated T-cells and RBL-2H3 cells overexpressing mouse CXCR3. The reactivity of this antibody with other species has not been determined.

Product Specifications

Immunogen: A synthetic peptide derived from the N-terminus of the mouse CXCR3 protein
Clone/PAD: ZCM3
Lot: See product label

Product Applications

Application	Species	Concentration
ELISA	Immunogen	0.1–1 µg/mL
Flow Cytometry	Mouse	5 µg/mL

Storage and Handling

Store at 2 to 8°C for up to one month. Store at -20°C for long term storage. Avoid repeated freezing and thawing.

Stability

When stored as instructed, expires one year from date of receipt unless otherwise indicated on product label.

Storage Buffer

Phosphate buffered saline (PBS), pH 7.4, containing 0.1% sodium azide.

Caution: Sodium azide is an extremely toxic and dangerous compound particularly when combined with acids or metals. Properly dispose of solutions containing sodium azide.

Safety Data Sheets (SDS)

Safety Data Sheets (SDSs) are available at www.lifetechnologies.com/support.








Certificate of Analysis

The Certificate of Analysis provides detailed quality control and product qualification information for each product. Certificates of Analysis are available on our website. Go to www.lifetechnologies.com/support and search for the Certificate of Analysis by product lot number, which is printed on the box.

For research use only. Not for use in diagnostic procedures.

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Explanation of symbols

Symbol	Description	Symbol	Description	Symbol	Description
	Manufacturer		Catalog number		Batch code
	Use by		Temperature limitation		
	Consult instructions for use		Caution, consult accompanying documents		

Limited Use Label License: Research Use Only

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