

InVivoMAb anti-mouse CXCR3 (CD183)

Lot Specific Information

Lot Number:	Lot Specific*
Volume:	Lot Specific*
Concentration:	Lot Specific* (generally 4 to 11 mg/ml) *
Total Protein:	Lot Specific*

*This information will be noted on the certificate of analysis that ships with this product.

Product Information

Catalog Number:	BE0249
Clone:	CXCR3-173
Isotype:	Armenian Hamster IgG
Recommended Isotype Control(s):	InVivoMAb polyclonal Armenian hamster IgG
Recommended Dilution Buffer:	InVivoPure pH 7.0 Dilution Buffer
Immunogen:	Peptide consisting of amino acids 1-37 of mouse CXCR3 <i>in vivo</i> CXCR3 neutralization Flow cytometry
Reported Applications:	PBS, pH 7.0 Contains no stabilizers or preservatives
Formulation:	<2EU/mg (<0.002EU/μg) Determined by LAL gel clotting assay
Endotoxin:	>95% Determined by SDS-PAGE
Purity:	0.2 μM filtered
Sterility:	Purified from tissue culture supernatant in an animal free facility
Production:	Protein G
Purification:	AB_2687730
RRID:	150 kDa
Molecular Weight:	

Description

The CXCR3-173 monoclonal antibody reacts with mouse CXCR3 also known as CD183, a 38 kDa chemokine receptor for CXCL9 (MIG), CXCL10 (IP-10), and CXCL11 (ITAC). CXCR3 is expressed primarily on activated T cells, NK cells, as well as some epithelial cells and endothelial cells. CXCR3 mediates leukocyte trafficking. Binding of chemokine ligands to CXCR3 induces various cellular responses, including integrin activation, cytoskeletal changes and chemotactic migration. The binding of CXCR3-173 to CXCR3 is reported to inhibit receptor binding of CXCL10 and CXCL11 but not CXCL9.

Shelf-life and Storage

Store at the stock concentration at 4°C. **Do not freeze.**

All Bio X Cell antibodies have a guaranteed shelf-life of one year from the date of customer receipt when stored as recommended. It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at bxcell.com/faqs.

Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

Application References

For a complete list of references, visit <https://bxcell.com/product/m-cxcr3-m-cd183/#references> or scan the QR code below.

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