

# Technical Data Sheet

## FlowMAb FITC anti-mouse CXCR3 (CD183)



**Attention:** Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at <https://bioxcell.com/terms-and-conditions>.

### 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:** FM0249-FITC  
**Clone:** CXCR3-173  
**Isotype:** Armenian hamster IgG  
**Conjugation:** FITC  
**Excitation Source:** Blue 488 nm  
**Excitation Max:** 494 nm  
**Emission Max:** 518 nm  
**Immunogen:** Peptide consisting of amino acids 1-37 of mouse CXCR3  
**Reported Applications:** Flow cytometry  
**Formulation:** PBS, pH 7.0  
Contains 0.09% Sodium Azide  
**Production:** Purified from cell culture supernatant in an animal-free facility  
**Purification:** Protein G  
**RRID:** [AB\\_2687730](https://abnova.com/AB_2687730)

### 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. This fluorescein isothiocyanate (FITC)-conjugated version of the antibody is useful for flow cytometry.

### Storage

Store at the stock concentration at 4°C and protected from prolonged exposure to light . **Do not freeze.**

### Protocol Information

It is recommended that the reagent be carefully titrated for optimal performance in the assay of interest.

### Application References

For a complete list of references, visit [https://bioxcell.com/fm0249-fitc?bxcs=9k1b3a#tab\\_references](https://bioxcell.com/fm0249-fitc?bxcs=9k1b3a#tab_references) or scan the QR code below.



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