

Technical Data Sheet

FlowMAb PE anti-mouse CXCR3 (CD183)



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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-PE
Clone: CXCR3-173
Isotype: Armenian hamster IgG
Conjugation: PE
Excitation Source: Yellow-Green 488 nm, 532 nm, 561 nm
Excitation Max: 496 nm, 566 nm
Emission Max: 576 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 R-phycoerythrin (R-PE or PE)-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-pe?bxcs=9k1b3a#tab_references or scan the QR code below.



Bio X Cell, LLC

<https://bioxcell.com>

+1-866-787-3444

customerservice@bioxcell.com

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