

## Mouse CXCR3 Antibody

Recombinant Monoclonal Rat IgG<sub>2A</sub> Clone # 220803R Catalog Number: MAB1685R

DESCRIPTION		
Species Reactivity	Mouse	
Specificity	Detects mouse CXCR3 in direct ELISAs.	
Source	Recombinant Monoclonal Rat IgG <sub>2A</sub> Clone # 220803R	
Purification	Protein A or G purified from cell culture supernatant	
Immunogen	CHO Chinese hamster ovary cell line transfected with mouse CXCR3  Met1-Leu367  Accession # AAC40163	
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.	

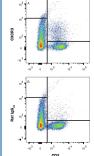
## **APPLICATIONS**

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Flow Cytometry	0.25 μg/10 <sup>6</sup> cells	See Below
CyTOF-ready	Ready to be labeled u with conjugation.	sing established conjugation methods. No BSA or other carrier proteins that could interfere

## DATA





Detection of CXCR3 in Mouse Splenocytes by Flow Cytometry. Mouse splenocytes were stained with Rat Anti-Mouse CD3 APC-conjugated Monoclonal Antibody (Catalog # FAB4841A) and either (A) Rat Anti-Mouse CXCR3 Monoclonal Antibody (Catalog # MAB1685R) or (B) Rat IgG2A Isotype Control (Catalog # MAB006) followed by Phycocythrin-conjugated Anti-Rat IgG Secondary Antibody (Catalog # F0105B). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE		
Reconstitute at 0.5 mg/mL in sterile PBS.		
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C		
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.		

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

## BACKGROUND

CXCR3 is a G protein coupled chemokine receptor that binds the  $\alpha$  chemokines MIG (CXCL9), IP-10 (CXCL10) and I-TAC (CXCL11). CXCR3 is expressed on activated T cells, B cells and NK cells.

Rev. 5/14/2018 Page 1 of 1

