Mouse CXCR6 APC-conjugated Antibody



Monoclonal Rat IgG_{2B} Clone # 221002 Catalog Number: FAB2145A 100 TESTS, 25 TESTS

DESCRIPTION			
Species Reactivity	Mouse		
Specificity	Stains mouse CXCR6-transfected cells but not irrelevant transfectants.		
Source	Monoclonal Rat IgG _{2B} Clone # 221002		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	CHO Chinese hamster ovary cell line transfected with mouse CXCR6 Met1-Leu351 Accession # Q9EQ16		
Conjugate	Allophycocyanin Excitation Wavelength: 620-650 nm Emission Wavelength: 660-670 nm		
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.		
	*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.		

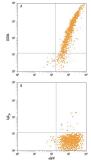
APPLICATIONS

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	10 μL/10 ⁶ cells	See Below

DATA





Detection of CXCR6 in BaF3 Mouse Cell Line Transfected with Mouse CXCR6 and eGFP by Flow Cytometry. BaF3 mouse pro-B cell line transfected with mouse CXCR6 and eGFP was stained with either (A) Rat Anti-Mouse CXCR6 APC-conjugated Monoclonal Antibody (Catalog # FAB2145A) or (B) Rat IgG_{2B} Allophycocyanin Isotype Control (Catalog #IC013A). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage

Protect from light. Do not freeze.

12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

CXCR6, also known as Bonzo and STRL33, is a G protein coupled chemokine receptor expressed on activated T cells and tumor-infiltrating lymphocytes. It binds soluble CXCL16 and membrane-anchored CXCL16 expressed on dendritic cells and macrophages.

