

Human CXCR5 Fluorescein-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 51505 Catalog Number: FAB190F 100 TESTS, 25 TESTS

DESCRIPTION		
Species Reactivity	Human	
Specificity	Stains human CXCR5 transfectants but not the parental cell lines in flow cytometry. Does not cross-react with human CXCR2, CXCR3, or CXCR4 transfectants.	
Source	Monoclonal Mouse IgG _{2B} Clone # 51505	
Purification	Protein A or G purified from hybridoma culture supernatant	
Immunogen	NS0 mouse myeloma cell line transfected with human CXCR5 Met1-Phe372 Accession # P32302	
Conjugate	Fluorescein Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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.	

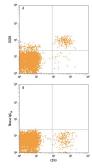
APPLICATIONS

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 CXCR5 in Human Peripheral Blood Cells by Flow Cytometry. Human peripheral blood cells were stained with Mouse Anti-Human CD19 APC-conjugated Monoclonal Antibody (Catalog #FAB4867A) and either (A) Mouse Anti-Human CXCR5 Fluorescein-conjugated Monoclonal Antibody (Catalog #FAB190F) or (B) Mouse $\lg G_{2B}$ Fluorescein Isotype Control (Catalog # IC0041F). 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

CXCR5, also known as BLR-1, is a 7 transmembrane domain protein expressed on B cells. CXCR5 mediates B cell migration following binding of CXCL13.

