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 (FITC)
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.

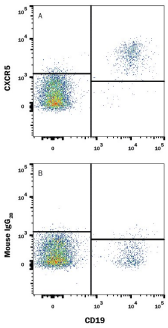
APPLICATIONS

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

Flow Cytometry



Detection of CXCR5 in Human Peripheral Blood Lymphocytes by Flow Cytometry. Human peripheral blood lymphocytes 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 IgG_{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.

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