

# Human CCR5 Fluorescein-conjugated Antibody

Monoclonal Mouse IgG<sub>2B</sub> Clone # 45531 Catalog Number: FAB182F 100 TESTS, 25 TESTS

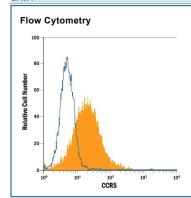
DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human CCR5.		
Source	Monoclonal Mouse IgG <sub>2B</sub> Clone # 45531		
Purification	Protein A or G purified from ascites		
Immunogen	NS0 mouse myeloma cell line transfected with human CCR5 Met1-Leu352 Accession # P51681		
Conjugate	Fluorescein 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 <sup>6</sup> cells	See Below

#### DATA



Detection of CCR5 in NS0 Mouse Cell Line Transfected with Human CCR5 by Flow Cytometry. NS0 mouse myeloma cell line transfected with human CCR5 was stained with Mouse Anti-Human CCR5 Fluorescein-conjugated Monoclonal Antibody (Catalog # FAB182F, filled histogram) or isotype control antibody (Catalog # IC0041F, open histogram). 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

CCR5 is a G protein-linked seven transmembrane domain chemokine receptor. CCR5 serves as a receptor for several chemokines including MIP-1 $\alpha$ , MIP-1 $\beta$ , MCP-2, and RANTES. It also functions as a coreceptor for macrophage tropic HIV-1 infection.

