

Human CCR7 Fluorescein-conjugated Antibody

Monoclonal Mouse $\lg G_{2A}$ Clone # 150503

Catalog Number: FAB197F 100 TESTS, 25 TESTS

DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human CCR7.		
Source	Monoclonal Mouse IgG _{2A} Clone # 150503		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	Human CCR7 transfectants Met1-Pro378 Accession # AAA58615		
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.		

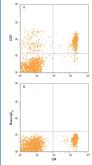
APPLICATIONS

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.

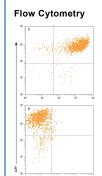
	Recommended Concentration	Sample
Flow Cytometry	10 μL/10 ⁶ cells	See Below

DATA

Flow Cytometry



Detection of CCR7 in Human Blood Lymphocytes by Flow Cytometry. Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD4 APC-conjugated Monoclonal Antibody (Catalog # FAB3791A) and either (A) Mouse Anti-Human CCR7 Fluorescein-conjugated Monoclonal Antibody (Catalog # FAB197F) or (B) Mouse $\lg G_{2A}$ Fluorescein Isotype Control (Catalog # ICO03F). View our protocol for Staining Membrane-associated



Detection of CCR7 in HEK293 Human Cell Line Transfected with Human CCR7 and eGFP by Flow Cytometry. The specificity of Mouse Anti-Human CCR7 Clone 150503 was demonstrated by its ability to react with (A) HEK293 human embryonic kidney cell line transfected with human CCR7 and not react with (B) irrelevant transfectants (HEK293 human embryonic kidney cell line transfected with human CCR7 and eGFP). Antibody binding was monitored using Phycocrythrin-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # F0102B).

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

CCR7 is a 7 transmembrane G protein coupled chemokine receptor. CCR7 is expressed on T cells and mature dendritic cells and transduces chemotactic signals in response to CCL19 and CCL21. Human CCR7 shares 87% amino acid sequence identity with mouse CCR7.

