Human CCR10 APC-conjugated Antibody



Monoclonal Rat IgG_{2A} Clone # 314305 Catalog Number: FAB3478A 100 TESTS, 25 TESTS

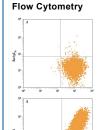
DESCRIPTION			
Species Reactivity	Human		
Specificity	Detect human CCR10. Stains human CCR10-transfected cells but not irrelevant transfectants.		
Source	Monoclonal Rat IgG _{2A} Clone # 314305		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	Y3 rat myeloid cell line transfected with human CCR10 Gln8-Asn362 Accession # P46092		
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

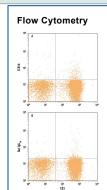
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

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

DATA



Detection of CCR10 in L1.2 Mouse Cell Line Transfected with Human CCR10 and eGFP by Flow Cytometry. L1.2 mouse pro-B cell line transfected with human CCR10 and eGFP was stained with either (A) Rat \log_{2A} Allophycocyanin Isotype Control (Catalog # IC006A) or (B) Rat Anti-Human CCR10 APC-conjugated Monoclonal Antibody (Catalog # FAB3478A). View our protocol for Staining Membrane-associated Proteins.



Detection of CCR10 in Human Blood Lymphocytes by Flow Cytometry. Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD3ε PE-conjugated Monoclonal Antibody (Catalog #FAB100P) and either (A) Rat Anti-Human CCR10 APC-conjugated Monoclonal Antibody (Catalog #FAB3478A) or (B) Rat IgG_{2A} Allophycocyanin Isotype Control (Catalog #IC006A). 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

CCR10 is a G protein-linked seven transmembrane domain protein expressed by T cells and B cell subsets that function as a receptor for CCL27. CCR10 mediates lymphocyte migration to the skin and mucosa, and its expression correlates with the metastatic capacity of melanomas.

