

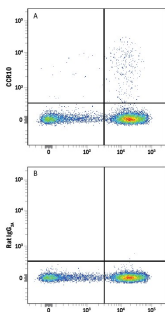
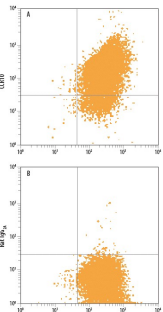
DESCRIPTION	
Species Reactivity	Human
Specificity	Detect human CCR10. Stains human CCR10-transfected cells but not irrelevant transfectants.
Source	Monoclonal Rat IgG _{2A} Clone # 314305
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Y3 rat myeloid cell line transfected with human CCR10 Gln8-Asn362 Accession # P46092
Conjugate	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 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 μ L/10 ⁶ cells	See Below

DATA

<p>Flow Cytometry</p>  <p>Detection of CCR10 in Human PBMCs by Flow Cytometry. Human peripheral blood mononuclear cells (PBMCs) were stained with Mouse Anti-Human CD3ϵ APC-conjugated Monoclonal Antibody (Catalog # FAB100A) and either (A) Rat Anti-Human CCR10 PE-conjugated Monoclonal Antibody (Catalog # FAB3478P) or (B) Rat IgG_{2A} Phycoerythrin Isotype Control (Catalog # IC006P). View our protocol for Staining Membrane-associated Proteins.</p>	<p>Flow Cytometry</p>  <p>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 Anti-Human CCR10 PE-conjugated Monoclonal Antibody (Catalog # FAB3478P) or (B) Rat IgG_{2A} Phycoerythrin Isotype Control (Catalog # IC006P). View our protocol for Staining Membrane-associated Proteins.</p>
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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. <ul style="list-style-type: none"> 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 functions as a receptor for CCL27 and CCL28. CCR10 mediates lymphocyte migration to the skin and mucosa, and its expression is correlated with the metastatic behavior of melanomas.