

## DESCRIPTION

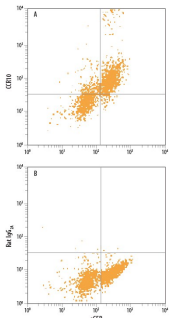
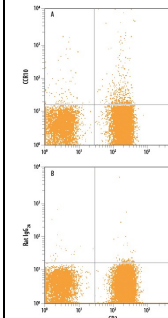
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detect human CCR10. Stains human CCR10-transfected cells but not irrelevant transfectants.
<b>Source</b>	Monoclonal Rat IgG <sub>2A</sub> Clone # 314305
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Y3 rat myeloid cell line transfected with human CCR10 Gln8-Asn362 Accession # P46092
<b>Conjugate</b>	PerCP (Peridinin-chlorophyll Protein Complex) Excitation Wavelength: 482 and 564 nm Emission Wavelength: 675 nm
<b>Formulation</b>	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
<b>Flow Cytometry</b>	10 $\mu$ L/10 <sup>6</sup> cells	See Below

## DATA

<p><b>Flow Cytometry</b></p>  <p><b>Detection of CCR10 in L1.2 Mouse Cell Line Transfected with Human CCR10 and eGFP by Flow Cytometry.</b> L1.2 mouse pro-B cell line transfected with human CCR10 and eGFP was stained with either (A) Rat Anti-Human CCR10 PerCP-conjugated Monoclonal Antibody (Catalog # FAB3478C) or (B) Rat IgG<sub>2A</sub> PerCP Isotype Control (Catalog # IC006C). View our protocol for <a href="#">Staining Membrane-associated Proteins</a>.</p>	<p><b>Flow Cytometry</b></p>  <p><b>Detection of CCR10 in Human Blood Lymphocytes by Flow Cytometry.</b> Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD3e Fluorescein-conjugated Monoclonal Antibody (Catalog # FAB100F) and either (A) Rat Anti-Human CCR10 PerCP-conjugated Monoclonal Antibody (Catalog # FAB3478C) or (B) Rat IgG<sub>2A</sub> PerCP Isotype Control (Catalog # IC006C). View our protocol for <a href="#">Staining Membrane-associated Proteins</a>.</p>
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## PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul>

## 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.