

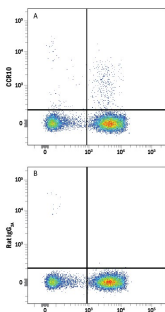
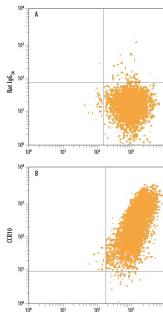
DESCRIPTION	
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detect human CCR10. Stains human CCR10-transfected cells but not irrelevant transfectants.
<b>Source</b>	Monoclonal Rat IgG <sub>2A</sub> Clone # 314305
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Y3 rat myeloid cell line transfected with human CCR10 Gln8-Asn362 Accession # P46092
<b>Conjugate</b>	Allophycocyanin Excitation Wavelength: 620-650 nm Emission Wavelength: 660-670 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 Human PBMCs by Flow Cytometry.</b> Human peripheral blood mononuclear cells (PBMCs) were stained with Mouse Anti-Human CD3<math>\epsilon</math> Fluorescein-conjugated Monoclonal Antibody (Catalog # <a href="#">FAB100F</a>) and either (A) Rat Anti-Human CCR10 APC-conjugated Monoclonal Antibody (Catalog # <a href="#">FAB3478A</a>) or (B) Rat IgG<sub>2A</sub> Allophycocyanin Isotype Control (Catalog # <a href="#">IC006A</a>). View our protocol for <a href="#">Staining Membrane-associated Proteins</a>.</p>	<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 IgG<sub>2A</sub> Allophycocyanin Isotype Control (Catalog # <a href="#">IC006A</a>) or (B) Rat Anti-Human CCR10 APC-conjugated Monoclonal Antibody (Catalog # <a href="#">FAB3478A</a>). 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 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.