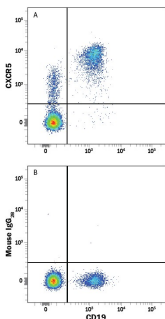
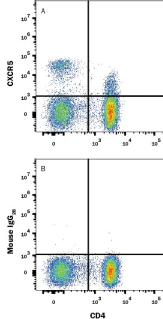


DESCRIPTION	
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Stains human CXCR5 transfectants but not the parental cell lines in flow cytometry. Does not cross-react with human CXCR2, CXCR3, or CXCR4 transfectants.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 51505
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	NS0 mouse myeloma cell line transfected with human CXCR5 Met1-Phe372 Accession # P32302
<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		
<b>Please Note:</b> Optimal dilutions should be determined by each laboratory for each application. <i>General Protocols</i> are available in the <i>Technical Information</i> section on our website.		
	<b>Recommended Concentration</b>	<b>Sample</b>
<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 CXCR5 in CD19<sup>+</sup> Human PBMCs by Flow Cytometry.</b> Human peripheral blood mononuclear cells (PBMCs) were stained with Mouse Anti-Human CD19 Fluorescein-conjugated Monoclonal Antibody (Catalog # FAB4867F) and either (A) Mouse Anti-Human CXCR5 APC-conjugated Monoclonal Antibody (Catalog # FAB190A) or (B) Mouse IgG2B control antibody (Catalog # IC0041A). View our protocol for <a href="#">Staining Membrane-associated Proteins</a>.</p>	<p><b>Flow Cytometry</b></p>  <p><b>Detection of CXCR5 in CD4<sup>+</sup> Human PBMCs by Flow Cytometry.</b> Human peripheral blood mononuclear cells (PBMCs) were stained with Mouse Anti-Human CD4 PE-conjugated Monoclonal Antibody (Catalog # FAB3791P) and either (A) Mouse Anti-Human CXCR5 APC-conjugated Monoclonal Antibody (Catalog # FAB190A) or (B) Mouse IgG2B isotype control antibody (Catalog # IC0041A). View our protocol for <a href="#">Staining Membrane-associated Proteins</a>.</p>

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**  
CXCR5, also known as BLR-1, is a 7 transmembrane domain protein expressed on B cells. CXCR5 mediates B cell migration following binding of CXCL13.