

**DESCRIPTION**

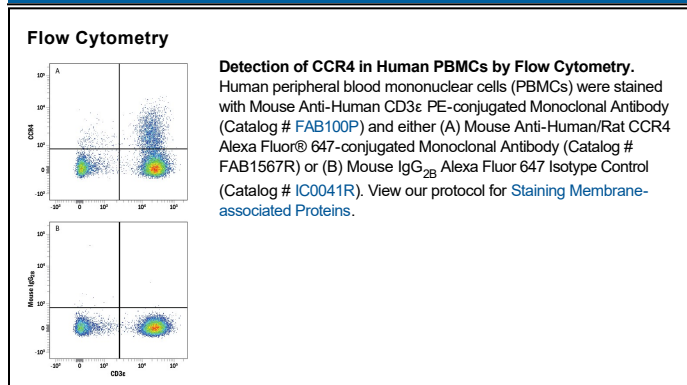
<b>Species Reactivity</b>	Human/Rat
<b>Specificity</b>	Stains human CCR4-transfected cell lines but not the corresponding parent cell lines. Also detects human CCR4 on human PBLs and platelets and rat CCR4 on rat splenocytes.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 205410
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Human CCR4 transfectants Met1-Leu360 Accession # P51679
<b>Conjugate</b>	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Flow Cytometry</b>	5 $\mu$ L/10 <sup>6</sup> cells	See Below

**DATA**



**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> ● 12 months from date of receipt, 2 to 8 °C as supplied.

**BACKGROUND**

CCR4, also known as CD194, is a G protein-linked seven transmembrane domain chemokine receptor that binds the chemokines CCL17/TARC and CCL22/MDC. Current evidence suggests that CCR4 expression is associated with CLA<sup>+</sup>, Th-17 and Th-2 type T cells, and with CD4<sup>+</sup>CD30<sup>+</sup> thymocytes and platelets. CCR4 expression has also been reported on mature dendritic cells.

**PRODUCT SPECIFIC NOTICES**

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