

**DESCRIPTION**

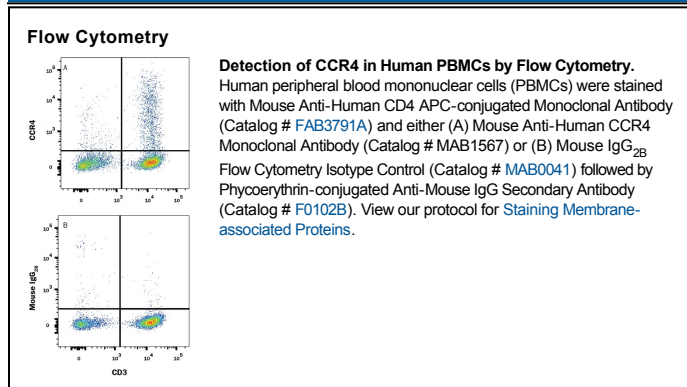
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Stains human CCR4-transfected cell lines but not the corresponding parent cell lines. Also detects CCR4 on human PBLs and platelets.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 205410
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Human CCR4 transfectants Met1-Leu360 Accession # P51679
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

**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>	0.25 µg/10 <sup>6</sup> cells	See Below
<b>CyTOF-reported</b>	Wong, M.T. <i>et al.</i> (2015) Cell Rep. <b>11</b> : 1822. Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	

**DATA**



**PREPARATION AND STORAGE**

<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

**BACKGROUND**

CCR4 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 Th-2 type T cells and with platelets. CCR4 expression has also been reported in mature dendritic cells.