

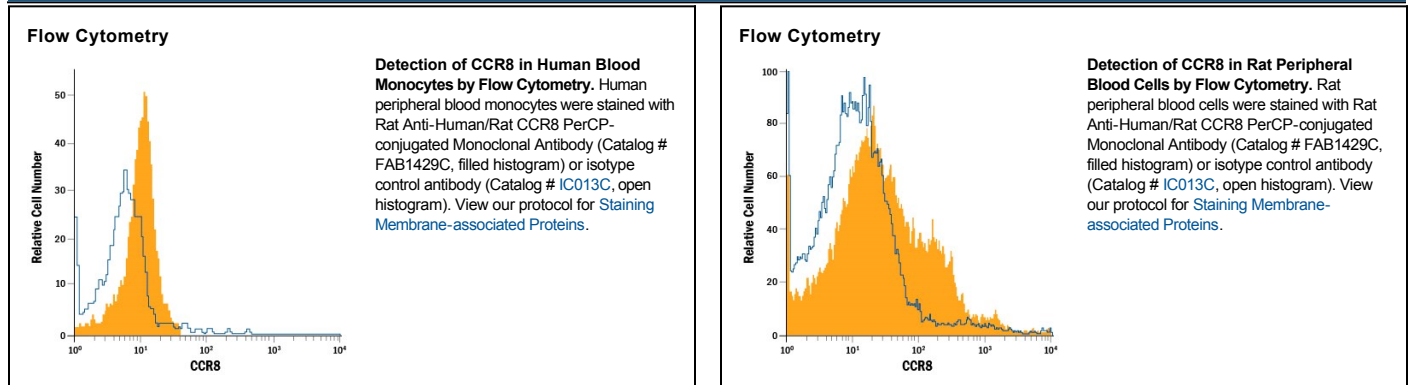
DESCRIPTION	
<b>Species Reactivity</b>	Human/Rat
<b>Specificity</b>	Detects human CCR8. Neutralizes the bioactivity of human CCR8 and specifically stains human CCR8-transfected cell lines but not the parent cell lines.
<b>Source</b>	Monoclonal Rat IgG <sub>2B</sub> Clone # 191704
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	BaF3 mouse pro-B cell line transfected with human CCR8 Met1-Leu355 Accession # P51685
<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



## 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

CCR8 (C-C chemokine receptor 8; previously called CKR-L1 or TER1 and designated CD198) is a 41-43 kDa member of the GPCR 1 family of transmembrane proteins. CCR8 is expressed on vascular smooth muscle cells, monocytes, eosinophils, peritoneal macrophages, thymocytes, CD8<sup>+</sup> T cells, Langerhans cells and neurons. CCL1/TCA3 and vMIP-1 are known agonists for CCR8. Human CCR8 is a 7-transmembrane protein that is 355 amino acids (aa) in length. It contains a 35 aa N-terminal extracellular domain plus a 51 aa C-terminal cytoplasmic tail. Over aa sequences 1-33 and 92-105 collectively, human and mouse CCR8 share 64% aa sequence identity.