

# Human/Rat CCR8 APC-conjugated Antibody

Monoclonal Rat IgG<sub>2B</sub> Clone # 191704 Catalog Number: FAB1429A 100 TESTS, 25 TESTS

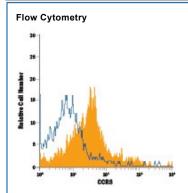
DESCRIPTION			
Species Reactivity	Human/Rat		
Specificity	Detects human and rat CCR8. Neutralizes the bioactivity of human CCR8 and specifically stains human CCR8-transfected cell lines but not the parent cell lines.		
Source	Monoclonal Rat IgG <sub>2B</sub> Clone # 191704		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	BaF3 mouse pro-B cell line transfected with human CCR8 Met1-Leu355 Accession # P51685		
Conjugate	Allophycocyanin Excitation Wavelength: 620-650 nm Emission Wavelength: 660-670 nm		
Formulation	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 Shee (SDS) for additional information and handling instructions.		

#### **APPLICATIONS**

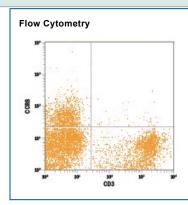
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Flow Cytometry	10 μL/10 <sup>6</sup> cells	See Below

### DATA



Detection of CCR8 in Human Blood Monocytes by Flow Cytometry. Human peripheral blood monocytes were stained with Rat Anti-Human/Rat CCR8 APC-conjugated Monoclonal Antibody (Catalog # FAB1429A, filled histogram) or isotype control antibody (Catalog # IC013A, open histogram). View our protocol for Staining Membrane-associated Proteins.



Detection of CCR8 in Rat Peripheral Blood Cells by Flow Cytometry. Rat peripheral blood cells were stained with Rat Anti-Human/Rat CCR8 APC-conjugated Monoclonal Antibody (Catalog # FAB1429A) and Anti-Rat CD3 PE-conjugated Antibody. Quadrant markers were set based on control antibody staining (Catalog # IC013A). View our protocol for Staining Membrane-associated Proteins.

## PREPARATION AND STORAGE

**Shipping**The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage

Protect from light. Do not freeze.

• 12 months from date of receipt, 2 to 8 °C as supplied.

## 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+ 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.

