

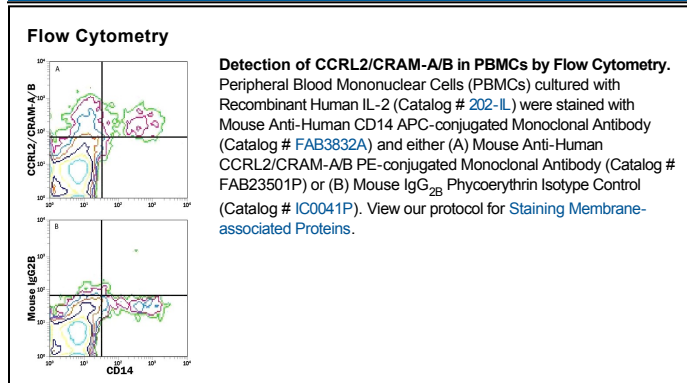
DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human CCRL2/CRAM-A/B. Stains human CCRL2-transfected cells but not irrelevant transfectants. Detects both the CRAM-A and CRAM-B isoforms.
Source	Monoclonal Mouse IgG _{2B} Clone # 152254
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human CRAM-A Met1-Val356 (Val180Met) Accession # NP_001124382
Conjugate	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 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 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
Flow Cytometry	10 µL/10 ⁶ cells	See Below

DATA



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

CCRL2, also known as CCR11, CRAM-A, CRAM-B, CKRX, and HCR, is a seven-transmembrane G-protein linked receptor that shares homology with other human chemokine receptors. The isoforms CRAM-A and CRAM-B differ at their N-termini by the insertion of an additional 12 amino acids in CRAM-A. CCRL2/CRAM-A/B is expressed at varying levels on a variety of peripheral blood cells including monocytes, neutrophils, B cells, and T cells (1, 2). CCL19 has been identified as a ligand for CRAM-B (4). Human and mouse CRAM share approximately 47% amino acid sequence identity.

References:

1. Fan, P. *et al.* (1998) *Biochem. Biophys. Res. Commun.* **243**:264.
2. Migeotte, I. *et al.* (2002) *Eur. J. Immunol.* **32**:494.
3. Hartmann, T.N. *et al.* (2008) *Immunology* **125**:252.
4. Leick, M. *et al.* (2010) *Immunology* **129**:536.