

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
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or 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.

	Recommended Concentration	Sample
Flow Cytometry	2.5 µg/10 ⁶ cells	HL-60 human acute promyelocytic leukemia cell line
CyTOF-ready	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	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
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

CCRL2, also known as 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 inclusion of an additional 12 amino acids on CRAM-A. CCRL2/CRAM-A/B is expressed at varying levels on a variety of peripheral blood cells including monocytes, neutrophils, and T cells (1, 2).

References:

1. Fan, P. *et al.* (1998) *Biochem. Biophys. Res. Commun.* **243**:264.
2. Migeotte, I. *et al.* (2002) *Eur. J. Immunol.* **32**:494.