



CCRL2 (C-C Chemokine Receptor-like 2, Chemokine Receptor CCR11, Chemokine Receptor X, Putative MCP-1 Chemokine Receptor, CCR11, CCR6, CKRX, CRAM, HCR) (APC)

Catalog number

C2099-81D

Supplier

United States Biological

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. Two isoforms were reported and designated CRAM-A and CRAM-B that differ at their N-termini by the inclusion of an additional 12aa in CRAM-A. CCRL2 is expressed at varying levels on a variety of peripheral blood cells, including monocytes, neutrophils, and T cells.

Applications

Suitable for use in Flow Cytometry. Other applications not tested.

Recommended Dilutions

Flow Cytometry: 10ul/10e6 cells. Validated using human PBMCs cultured with Recombinant Human IL-2.

Optimal dilutions to be determined by the researcher.

Flow Cytometry Protocol

1. Cells may be Fc-blocked with 1ug of human IgG/10e5 cells for 15 minutes at RT. Do not wash excess blocking IgG from this reaction.
2. After blocking, add 10ul of C2099-81D to up to 1 x 10e6 cells and incubated for 30 minutes at RT.
3. Unbound antibody was removed by washing the cells twice in Flow Cytometry Staining Buffer (Catalog# F4568-10). Note that whole blood requires a RBC lysis step at this point using Flow Cytometry Human Lyse Buffer.
4. Resuspend the cells in Flow Cytometry Staining Buffer for final flow cytometric analysis. As a control for this analysis, cells in a separate tube should be treated with APC-labeled mouse IgG2a antibody.

Excitation

620-650nm

Emission

660-670nm

Storage and Stability

May be stored at 4°C before opening. DO NOT FREEZE! Stable at 4°C as an undiluted liquid. Stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made in assay buffer. APC is light sensitive.

Immunogen

For in vitro research use only, not for human or veterinary diagnostic or medical use

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Recombinant protein corresponding to Met1-Val356 (Val180Met) of human CCRL2 expressed in NS0 cell line.

Formulation

Supplied as a liquid in saline, 0.5% BSA, 0.09% sodium azide. Labeled with Allophycocyanin (APC).

Purity

Purified by Protein A affinity chromatography from hybridoma culture supernatant

Specificity

Recognizes human CCRL2. Stains human CCRL2-transfected cells but not irrelevant transfectants. Recognizes both the CRAM-A and CRAM-B isoforms.

Product Type

Mab

Source

human

Isotype

IgG2b

Grade

Affinity Purified

Applications

FC

Crossreactivity

Hu

Storage

4°C Do Not Freeze

Detection Method

APC