

CCRL2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16519c**Specification**

CCRL2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O00421](#)**CCRL2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 9034**Other Names**

C-C chemokine receptor-like 2, Chemokine receptor CCR11, Chemokine receptor X, Putative MCP-1 chemokine receptor, CCRL2, CCR11, CCR6, CKRX, CRAM, HCR

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CCRL2 Antibody (Center) Blocking Peptide - Protein Information**Name** CCRL2**Synonyms** CCR11, CCR6, CKRX, CRAM, HCR**Function**

Receptor for CCL19 and chemerin/RARRES2. Does not appear to be a signaling receptor, but may have a role in modulating chemokine- triggered immune responses by capturing and internalizing CCL19 or by presenting RARRES2 ligand to CMKLR1, a functional signaling receptors. Plays a critical role for the development of Th2 responses.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Expressed abundantly in immunal tissues such as spleen, fetal liver, lymph node and bone marrow. Strong expression also in lung and heart. Expressed in almost all hematopoietic cells including monocytes, macrophages, PMNs, T-cells (both CD4+ and CD8+), monocyte-derived iDCs, NK cells, and CD34+ progenitor cells. B-cells expressed isoform 1 but not isoform 2. Up-regulated on synovial neutrophils of rheumatoid arthritis patients

CCRL2 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CCRL2 Antibody (Center) Blocking Peptide - Images

CCRL2 Antibody (Center) Blocking Peptide - Background

This gene encodes a chemokine receptor like protein, which is predicted to be a seven transmembrane protein and most closely related to CCR1. Chemokines and their receptors mediated signal transduction are critical for the recruitment of effector immune cells to the site of inflammation. This gene is expressed at high levels in primary neutrophils and primary monocytes, and is further upregulated on neutrophil activation and during monocyte to macrophage differentiation. The function of this gene is unknown. This gene is mapped to the region where the chemokine receptor gene cluster is located.

CCRL2 Antibody (Center) Blocking Peptide - References

Shimada, M., et al. Hum. Genet. 128(4):433-441(2010) Dubois, P.C., et al. Nat. Genet. 42(4):295-302(2010) Leick, M., et al. Immunology 129(4):536-546(2010) Segat, L., et al. Vaccine 28(10):2201-2206(2010) Zabel, B.A., et al. J. Exp. Med. 205(10):2207-2220(2008)