

CCR8 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP10485b**Specification**

CCR8 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [P51685](#)
Other Accession [NP_005192.1](#)

CCR8 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 1237

Other Names

C-C chemokine receptor type 8, C-C CKR-8, CC-CKR-8, CCR-8, CC chemokine receptor CHEMR1, CMKBRL2, Chemokine receptor-like 1, CKR-L1, GPR-CY6, GPRCY6, TER1, CDw198, CCR8, CKRL1, CMKBR8, CMKBRL2

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.

CCR8 Antibody (C-term) Blocking Peptide - Protein Information

Name CCR8

Synonyms CKRL1, CMKBR8, CMKBRL2

Function

Receptor for the chemokine CCL1/SCYA1/I-309. May regulate monocyte chemotaxis and thymic cell line apoptosis. Alternative coreceptor with CD4 for HIV-1 infection.

Cellular Location

Cell membrane; Multi-pass membrane protein.

CCR8 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CCR8 Antibody (C-term) Blocking Peptide - Images**CCR8 Antibody (C-term) Blocking Peptide - Background**

CCR8 encodes a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. Chemokines and their receptors are important for the migration of various cell types into the inflammatory sites. This receptor protein preferentially expresses in the thymus. I-309, thymus activation-regulated cytokine (TARC) and macrophage inflammatory protein-1 beta (MIP-1beta) have been identified as ligands of this receptor. Studies of this receptor and its ligands suggested its role in regulation of monocyte chemotaxis and thymic cell apoptosis. More specifically, this receptor may contribute to the proper positioning of activated T cells within the antigenic challenge sites and specialized areas of lymphoid tissues. CCR8 is located at the chemokine receptor gene cluster region.

CCR8 Antibody (C-term) Blocking Peptide - References

Mutalithas, K., et al. Clin. Exp. Allergy 40(8):1175-1185(2010) Han, S., et al. Hum. Immunol. 71(7):727-730(2010) Rajaraman, P., et al. Cancer Epidemiol. Biomarkers Prev. 19(5):1356-1361(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Rajaraman, P., et al. Cancer Epidemiol. Biomarkers Prev. 18(5):1651-1658(2009)