

**CCR8 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP10485b****Specification**

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**CCR8 Antibody (C-term) - Product Information**

Application	<b>WB, FC,E</b>
Primary Accession	<a href="#">P51685</a>
Other Accession	<a href="#">NP_005192.1</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Antigen Region	<b>305-335</b>

**CCR8 Antibody (C-term) - 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

**Target/Specificity**

This CCR8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 305-335 amino acids of human CCR8.

**Dilution**

WB~~1:1000  
FC~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CCR8 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**CCR8 Antibody (C-term) - 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**

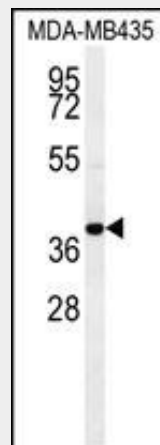
Cell membrane; Multi-pass membrane protein.

**CCR8 Antibody (C-term) - Protocols**

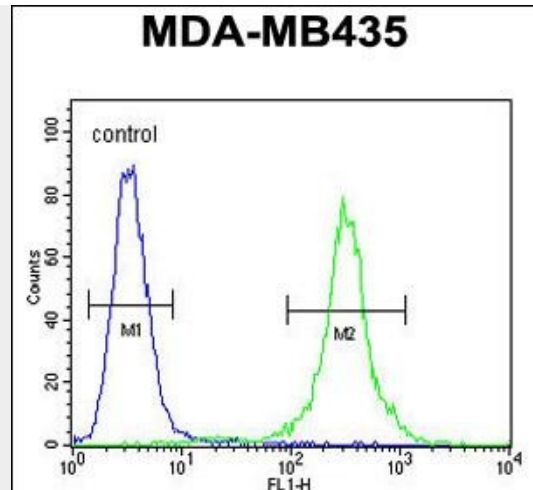
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CCR8 Antibody (C-term) - Images**



CCR8 Antibody (C-term) (Cat. #AP10485b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the CCR8 antibody detected the CCR8 protein (arrow).



CCR8 Antibody (C-term) (Cat. #AP10485b) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### CCR8 Antibody (C-term) - 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-1 beta) 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) - 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)