

**XCR1 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12041b****Specification**

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**XCR1 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [P46094](#)

**XCR1 Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 2829

**Other Names**

Chemokine XC receptor 1, G-protein coupled receptor 5, Lymphotactin receptor, XC chemokine receptor 1, XCR1, CCXCR1, GPR5

**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.

**XCR1 Antibody (C-term) Blocking peptide - Protein Information**

**Name** XCR1

**Synonyms** CCXCR1, GPR5

**Function**

Receptor for chemokines SCYC1 and SCYC2. Subsequently transduces a signal by increasing the intracellular calcium ions level. Receptor for XCL1/Lymphotactin.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**XCR1 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**XCR1 Antibody (C-term) Blocking peptide - Images**

**XCR1 Antibody (C-term) Blocking peptide - Background**

The protein encoded by this gene is a chemokine receptor belonging to the G protein-coupled receptor superfamily. The family members are characterized by the presence of 7 transmembrane domains and numerous conserved amino acids. This receptor is most closely related to RBS11 and the MIP1-alpha/RANTES receptor. It transduces a signal by increasing the intracellular calcium ion level. The viral macrophage inflammatory protein-II is an antagonist of this receptor and blocks signaling. Two alternatively spliced transcript variants encoding the same protein have been found for this gene.

**XCR1 Antibody (C-term) Blocking peptide - References**

Yamazaki, C., et al. Biochem. Biophys. Res. Commun. 397(4):756-761(2010) Crozat, K., et al. J. Exp. Med. 207(6):1283-1292(2010) Bachem, A., et al. J. Exp. Med. 207(6):1273-1281(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Luttichau, H.R. Virol. J. 5, 50 (2008) :