

**CCR7 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP4998a**

**Specification**

**CCR7 Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [P32248](#)

**CCR7 Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 1236

**Other Names**

C-C chemokine receptor type 7, C-C CKR-7, CC-CKR-7, CCR-7, BLR2, CDw197, Epstein-Barr virus-induced G-protein coupled receptor 1, EBI1, EBV-induced G-protein coupled receptor 1, MIP-3 beta receptor, CD197, CCR7, CMKBR7, EBI1, EVI1

**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.

**CCR7 Antibody (N-term) Blocking Peptide - Protein Information**

**Name** CCR7

**Synonyms** CMKBR7, EBI1, EVI1

**Function**

Receptor for the MIP-3-beta chemokine. Probable mediator of EBV effects on B-lymphocytes or of normal lymphocyte functions.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

Expressed in various lymphoid tissues and activated B- and T-lymphocytes, strongly up-regulated in B-cells infected with Epstein-Barr virus and T-cells infected with herpesvirus 6 or 7

**CCR7 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **CCR7 Antibody (N-term) Blocking Peptide - Images**

#### **CCR7 Antibody (N-term) Blocking Peptide - Background**

CCR7 is a member of the G protein-coupled receptor family. This receptor was identified as a gene induced by the Epstein-Barr virus (EBV), and is thought to be a mediator of EBV effects on B lymphocytes. This receptor is expressed in various lymphoid tissues and activates B and T lymphocytes. It has been shown to control the migration of memory T cells to inflamed tissues, as well as stimulate dendritic cell maturation. The chemokine (C-C motif) ligand 19 (CCL19/ECL) has been reported to be a specific ligand of this receptor.

#### **CCR7 Antibody (N-term) Blocking Peptide - References**

Sun, J., et al. Cell. Mol. Immunol. 7(1):77-82(2010)Wu, W.L., et al. Eur. J. Immunol. 39(12):3413-3422(2009)Marcenaro, E., et al. Blood 114(19):4108-4116(2009)