



CCR7 blocking peptide (CDBP5279)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene 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. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	CCR7 chemokine (C-C motif) receptor 7 [Homo sapiens (human)]
Official Symbol	CCR7
Synonyms	CCR7; chemokine (C-C motif) receptor 7; BLR2; EBI1; CD197; CDw197; CMKBR7; C-C chemokine receptor type 7; CCR-7; CC-CKR-7; C-C CKR-7; MIP-3 beta receptor; CC chemokine receptor 7; chemokine (C-C) receptor 7; Epstein-Barr virus induced gene 1; EBV-

induced G protein-coupled receptor 1; EBV-induced G-protein coupled receptor 1; Epstein-Barr virus induced G-protein coupled receptor; lymphocyte-specific G protein-coupled peptide receptor; epstein-Barr virus-induced G-protein coupled receptor 1

Entrez Gene ID	1236
mRNA Refseq	NM_001838
Protein Refseq	NP_001829
UniProt ID	P32248
Pathway	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding; GPCRs
Function	C-C chemokine receptor activity; C-C motif chemokine 19 receptor activity; C-C motif chemokine 21 receptor activity; G-protein coupled receptor activity; chemokine (C-C motif) ligand 19 binding; chemokine (C-C motif) ligand 21 binding