

Rabbit anti-Human CCR7 Polyclonal Antibody | anti-CCR7 antibody

CCR7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321011	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

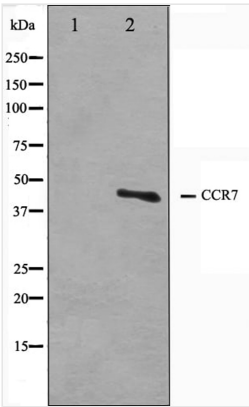
PRODUCT SYNONYMS

CCR7; Polyclonal Antibody; CCR7 Antibody; BLR 2; BLR2; C C chemokine receptor type 7; C C CKR 7; C-C chemokine receptor type 7; C-C CKR-7; CC chemokine receptor 7; CC chemokine receptor type 7; CC CKR 7; CC-CKR-7; CCCKR7; CCR 7; CCR-7; Ccr7; CCR7_HUMAN; CD 197; CD197; CD197 antigen; CDw197; Chemokine (C C motif) receptor 7; Chemokine (C C) receptor 7; Chemokine C C motif receptor 7; Chemokine C C receptor 7; Chemokine receptor 7; Chemokine receptor 7-like protein; CMKBR7; EBI 1; EBI1; Ebi1h; EBV Induced G Protein Coupled Receptor 1; EBV-induced G-protein coupled receptor 1; Epstein Barr virus induced G protein coupled receptor; Epstein Barr virus induced gene 1; Epstein-Barr virus-induced G-protein coupled receptor 1; EVI 1; EVI1; Lymphocyte Specific G Protein Coupled Peptide Receptor; MGC108519; MIP 3 beta receptor; MIP-3 beta receptor; MIP3 Beta Receptor; anti-CCR7 antibody

PRODUCT SPECIFICATIONS

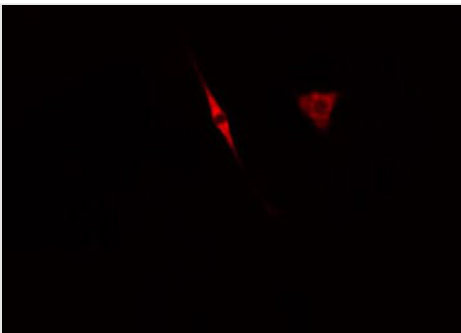
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CCR7 antibody detects endogenous levels of CCR7
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	315
Applicable Applications for anti-CCR7 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CCR7
Subcellular Location	Cell Membrane
Tissue Specificity	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.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis on COS7 cell lysate using CCR7 Antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA321011 staining A549 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CCR7 antibody

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.

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

Similarity: Belongs to the G-protein coupled receptor 1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	683523912
NCBI GeneID	1236
NCBI Accession #	NP_001288643.1
NCBI GenBank Nucleotide #	NM_001301714.1
UniProt Accession #	P32248
Molecular Weight	Observed: 43 kDa Predicted: 43 kDa
NCBI Official Full Name	C-C chemokine receptor type 7 isoform b
NCBI Official Synonym Full Names	C-C motif chemokine receptor 7
NCBI Official Symbol	CCR7
NCBI Official Synonym Symbols	BLR2; EBI1; CCR-7; CD197; CDw197; CMKBR7; CC-CKR-7
NCBI Protein Information	C-C chemokine receptor type 7
UniProt Protein Name	C-C chemokine receptor type 7
UniProt Gene Name	CCR7
UniProt Synonym Gene Names	CMKBR7; EBI1; EVI1; C-C CKR-7; CC-CKR-7; CCR-7; EBI1; EBV-induced G-protein coupled receptor 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

