

Rabbit CCR7 Polyclonal Antibody | anti-CCR7 antibody

Rabbit Polyclonal to Human CCR7

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51580	Rabbit	Bat, Gibbon, Bovine, Gorilla, Horse, Human, Monkey Predicted Reactivity: Mouse, Rat, Dog, Hamster, Pig, Rabbit (at least 90% immunogen sequence identity)	Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

CCR7; Polyclonal Antibody; Rabbit Polyclonal to Human CCR7; Anti-CCR7 Antibody (C-Terminus) IHC-plus; BLR2; Chemokine (C-C) receptor 7; CD197; C-C CKR-7; CMKBR7; CC chemokine receptor 7; CCR-7; CD197 antigen; CDw197; EBI1; EVI1; MIP-3 beta receptor; C-c chemokine receptor 7; C-C chemokine receptor type 7; CC-CKR-7; Chemokine c-c motif receptor 7; Human CCR7; anti-CCR7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Bovine, Gorilla, Horse, Human, Monkey Predicted Reactivity: Mouse, Rat, Dog, Hamster, Pig, Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human CCR7. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except CXCR5 (65%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	378
Applicable Applications for anti-CCR7 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from C-terminus of human CCR7. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Bat, Bovine, Horse (100%); Mouse, Rat, Hamster, Elephant, Panda, Dog, Rabbit, Pig (94%).
Immunogen Type	Synthetic peptide
Immunogen	CCR7 antibody was raised against synthetic 17 amino acid peptide from C-terminus of human CCR7. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Bat, Bovine, Horse (100%); Mouse, Rat, Hamster, Elephant, Panda, Dog, Rabbit, Pig (94%); Turkey, Chicken, Zebrafish (88%); Opossum, Xenopus, Pufferfish (82%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



Transfection Control
HEK293 cells transfected with vector only



Transfection Control
HEK293 expressing transfected CCR7



IHC (Immunohistochemistry)
Anti-CCR7 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 14 ug/ml.



IHC (Immunohistochemistry)
Anti-CCR7 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 14 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CCR7 antibody	CCR7, a Chemokine Receptor, is involved in lymphocyte recirculation through secondary lymphoid organs and moving lymphocytes and dendritic cells into distinct tissue compartments. CCR7 is called the Epstein-Barr-induced receptor because it mediates Epstein-Barr viral effects on B lymphocytes. CCR7 expression is up-regulated in mature dendritic cells, B cells infected with EBV, and in CD4+ cells infected with human herpes virus 6 and 7.
Product Categories/Family for anti-CCR7 antibody	Family: GPCR; Subfamily: Chemokine

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502641
NCBI GeneID	1236
NCBI Accession #	NP_001829.1
NCBI GenBank Nucleotide #	NM_001838.3
UniProt Accession #	P32248
Molecular Weight	42,874 Da
NCBI Official Full Name	C-C chemokine receptor type 7
NCBI Official Synonym Full Names	chemokine (C-C motif) 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; MIP-3 beta receptor; CC chemokine receptor 7; Bukitt's lymphoma receptor 2; Epstein-Barr virus induced gene 1; EBV-induced G protein-coupled receptor 1; lymphocyte-specific G protein-coupled peptide receptor; Epstein-Barr virus-induced G-protein coupled receptor 1
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
UniProt Entry Name	CCR7_HUMAN

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.