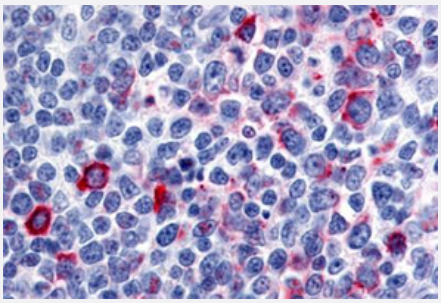
CCR8 polyclonal antibody

Catalog # PAB26136 Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human tonsil, germinal center with CCR8 polyclonal antibody (Cat # PAB26136).
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CCR8.
Immunogen	A synthetic peptide corresponding to 17 amino acids at N-terminus of human CCR8.
Host	Rabbit
Reactivity	Human
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (3-8 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — CCR8

Entrez GeneID	1237
Protein Accession#	P51685
Gene Name	CCR8
Gene Alias	CDw198, CKR-L1, CKRL1, CMKBR8, CMKBRL2, CY6, GPR-CY6, MGC129966, MGC129973, TER1
Gene Description	chemokine (C-C motif) receptor 8
Omim ID	601834
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the beta chemokine receptor family, which is predicted to be a s even transmembrane protein similar to G protein-coupled receptors. Chemokines and their recep tors are important for the migration of various cell types into the inflammatory sites. This receptor protein preferentially expresses in the thymus. I-309, thymus activation-regulated cytokine (TARC) and macrophage inflammatory protein-1 beta (MIP-1 beta) have been identified as ligands of this receptor. Studies of this receptor and its ligands suggested its role in regulation of monocyte che motaxis and thymic cell apoptosis. More specifically, this receptor may contribute to the proper po sitioning of activated T cells within the antigenic challenge sites and specialized areas of lymphoi d tissues. This gene is located at the chemokine receptor gene cluster region. [provided by RefSe q
Other Designations	CC chemokine receptor 8|CC-chemokine receptor chemr1|chemokine (C-C) receptor 8|chemoki ne (C-C) receptor-like 2

Publication Reference

- Chemokine Receptor 8 Can Distinguish Antineutrophil Cytoplasmic Antibody-Associated Vasculitis From Infectious Complications.

  Sanada S, Akiyama Y, Sato M, Sato T, Taguma Y.

  Kidney International Reports 2018 Nov; 4(3):447.

  Application: IHC-P, Human, Human kidney

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

Disease

- Birth Weight
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Leukemia
- Meningeal Neoplasms
- Meningioma