

CCR8 Polyclonal Antibody

Catalog NumberPA5-33403

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	28 µg/mL
Immunogen	Synthetic 18 amino acid peptide from N-terminal extracellular domain of human CCR8.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Percent identity with other species by BLAST analysis: Human, Gorilla (100%) Gibbon, Marmoset, Elephant, Panda (83%).

Background/Target Information

CCR8 encodes a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. Chemokines and their receptors 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 (MIP1 beta) have been identified as ligands of this receptor. Studies of this receptor and its ligands suggested its role in regulation of monocyte chemotaxis and thymic cell apoptosis. More specifically, this receptor may contribute to the proper positioning of activated T cells within the antigenic challenge sites and specialized areas of lymphoid tissues. This gene is located at the chemokine receptor gene cluster region. CCR8 expression has been reported in spleen and thymus, natural-killer cells, monocytes, and T cells, and at lower levels in peripheral blood leukocytes.

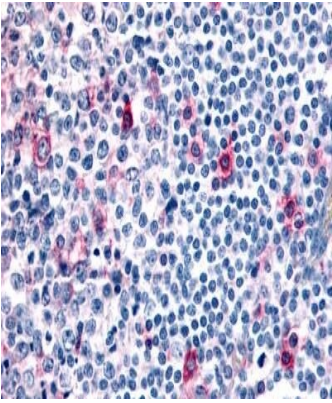
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Product Images For CCR8 Polyclonal Antibody



CCR8 Antibody (PA5-33403) in IHC (P)
Immunohistochemistry analysis of CCR8 in human tonsil, germinal center and mantle zone. Samples were incubated with CCR8 polyclonal antibody (Product # PA5-33403). Formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

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