

CCR9 Polyclonal Antibody

Catalog Number PA5-33405

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human, Non-human primate
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	1.5 µg/mL
Immunogen	Synthetic 17 amino acid peptide from 2nd cytoplasmic domain of human CCR9.	* 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, Gibbon, Monkey (100%) Marmoset, Bat (88%) Sheep, Bovine, Horse, Pig, Opossum (82%).

**Background/Target Information**

The protein encoded by this gene is a member of the beta chemokine receptor family. It is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. Chemokines and their receptors are key regulators of the thymocytes migration and maturation in normal and inflammation conditions. The specific ligand of this receptor is CCL25. It has been found that this gene is differentially expressed by T lymphocytes of small intestine and colon, suggested a role in the thymocytes recruitment and development that may permit functional specialization of immune responses in different segment of the gastrointestinal tract. This gene is mapped to the chemokine receptor gene cluster region. Two alternatively spliced transcript variants have been described.

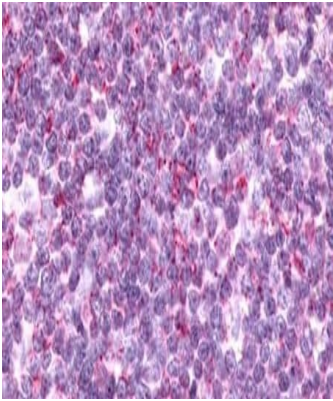
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Product Images For CCR9 Polyclonal Antibody



**CCR9 Antibody (PA5-33405) in IHC (P)**  
Immunohistochemical analysis of formalin-fixed paraffin-embedded human thymus, lymphocytes using a CD199 /CCR9 polyclonal antibody (Product # PA5-33405). Heat-induced antigen retrieval was performed prior to staining.

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