

CCR7 Polyclonal Antibody

Catalog NumberPA5-32299

Product data sheet

Details		Species Reactivity	
Size	500 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Published species	Human
Class	Polyclonal	Tested Applications	
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	Dilution *1:100
Immunogen	Synthetic peptide derived from human CCR7.	Published Applications	
Conjugate	Unconjugated	Immunohistochemistry (Paraffin) (IHC (P))	See 1 publications below
Form	Liquid	* 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.	
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

Heat-mediated antigen retrieval is recommended prior to staining, using a 10mM citrate buffer, pH 6.0, for 10 minutes followed by cooling at room temperature for 20 min. Following antigen retrieval, incubate samples with primary antibody for 30 min at room temperature. A suggested positive control is small intestine or tonsil tissue.

Background/Target Information

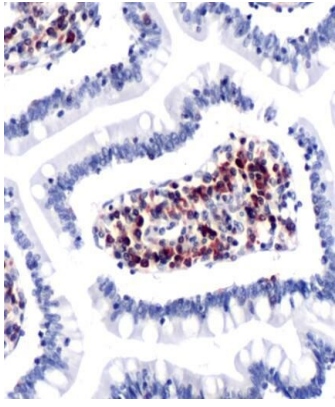
CCR7 is a member of the G protein coupled receptor family, which is a subfamily of chemokines. CCR7 was identified to be induced by the Epstein Barr virus (EBV), and is thought to be a mediator of EBV effects on B lymphocytes. CCR7 has been reported to be expressed in blood, bone marrow, lymph node, and intestine. CCR7 is particularly expressed in lymphoid tissues and in activated B and T lymphocytes and 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. ESTs have been isolated from blood, embryo, lymph node, and thymus libraries. Receptors for the C - C chemokine family include CCR 1, CCR 2A, CCR 3, CCR 4, CCR 5 and the Duffy blood group antigen. The C-C receptors are important in the function of T cell chemotaxis and migration of phagocytic cells to sites of inflammation.

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CCR7 Antibody (PA5-32299) in IHC
Immunohistochemical analysis of CCR7 using anti-CCR7 Polyclonal Antibody (Product # PA5-32299) in Small Intestine Cancer Tissue. The recommended dilution for this antibody in immunohistochemistry applications is 1:100.

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PubMed References For CCR7 Polyclonal Antibody

1 Immunohistochemistry (Paraffin) References

Species / Dilution	Summary
	PA5-32299 was used in Immunohistochemistry (Paraffin) sorting to show that this dataset is a valuable resource for biological discovery of the immune system in normal and diseased states as well as for the development of multiplexed image analysis and viewing tools.
Human / Not Cited	Scientific data (2019; 6:) "Highly multiplexed immunofluorescence images and single-cell data of immune markers in tonsil and lung cancer." Author(s):Rashid R,Gaglia G,Chen YA,Lin JR,Du Z,Maliga Z,Schapiro D,Yapp C,Muhlich J,Sokolov A,Sorger P,Santagata S PubMed Article URL: http://dx.doi.org/10.1038/s41597-019-0332-y

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