

For Research Use Only

CCR7 Polyclonal antibody

Catalog Number: 25898-1-AP

12 Publications



Basic Information

Catalog Number: 25898-1-AP	GenBank Accession Number: BC035343	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1236	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: chemokine (C-C motif) receptor 7	
Isotype: IgG	Calculated MW: 378 aa, 43 kDa	
Immunogen Catalog Number: AG22941	Observed MW: 40-43 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : MCF-7 cells, K-562 cells, C6 cells
Cited Applications: IF, IHC, WB	IHC : human tonsillitis tissue,
Species Specificity: human, rat	
Cited Species: human, rat, mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

C-C chemokine receptor type 7 (CCR7), which belongs to the G-protein coupled receptor 1 family, is also a receptor for the MIP-3-beta chemokine, and probably acts as a mediator of EBV effects on B-lymphocytes or of normal lymphocyte functions. CCR7 is specially expressed in various lymphoid tissues and activated B- and T-lymphocytes, and can be strongly up-regulated in B-cells infected with Epstein-Barr virus and T-cells infected with herpesvirus 6 or 7.

Notable Publications

Author	Pubmed ID	Journal	Application
Mingzhao Zhang	32943109	Stem Cell Res Ther	IF
Xiaolei Shi	36217946	J Agric Food Chem	WB
Zhengmin Liang	35603910	Virulence	IHC

Storage

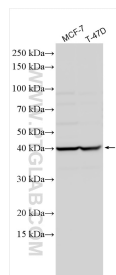
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

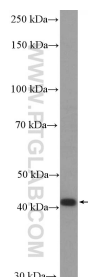
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

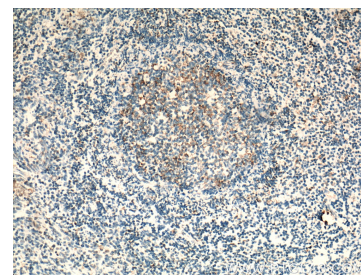
Selected Validation Data



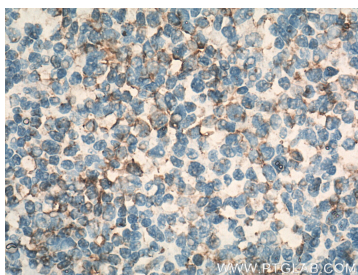
Various lysates were subjected to SDS PAGE followed by western blot with 25898-1-AP (CCR7 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



MCF-7 cells were subjected to SDS PAGE followed by western blot with 25898-1-AP (CCR7 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 25898-1-AP (CCR7 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 25898-1-AP (CCR7 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).