

For Research Use Only

CCR7 Polyclonal antibody

Catalog Number: 55425-1-AP **2 Publications**



Basic Information

Catalog Number: 55425-1-AP	GenBank Accession Number: NM_001838	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 733 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1236	Recommended Dilutions: IHC 1:20-1:200
Source: Rabbit	Full Name: chemokine (C-C motif) receptor 7	
Isotype: IgG	Calculated MW: 43 kDa	

Applications

Tested Applications: FC, IHC, ELISA	Positive Controls: IHC : human tonsillitis tissue,
Cited Applications: IHC	
Species Specificity: human	
Cited Species: human, rat	

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 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
Yiming Lu	35933472	Nat Commun	IHC
Renwang Sheng	37097733	Adv Sci (Weinh)	IHC

Storage

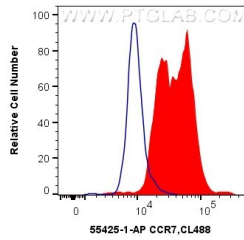
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

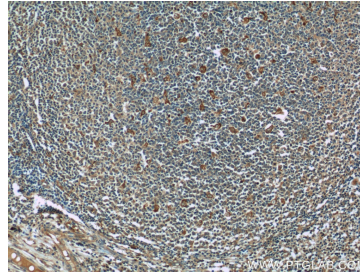
For technical support and original validation data for this product please contact:
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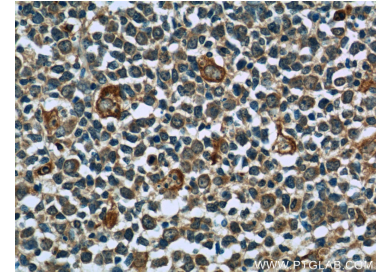
Selected Validation Data



1×10^6 K-562 cells were intracellularly stained with 0.4 μ g Anti-Human CCR7 (55425-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 μ g Rabbit IgG control Rabbit PolyAb (30000-O-AP, Clone:) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 55425-1-AP (CCR7 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 55425-1-AP (CCR7 Antibody) at dilution of 1:50 (under 40x lens).