

For Research Use Only

# CCR7 Polyclonal antibody

Catalog Number: 55425-1-AP

2 Publications



## Basic Information

Catalog Number:

55425-1-AP

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001838

GeneID (NCBI):

1236

UNIPROT ID:

P32248

Full Name:

chemokine (C-C motif) receptor 7

Calculated MW:

43 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:20-1:200

## Applications

Tested Applications:

FC, IHC, ELISA

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**

Positive Controls:

IHC : human tonsillitis tissue,

## 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

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

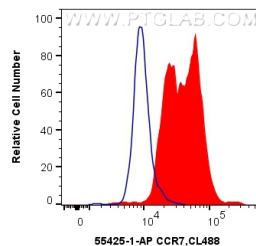
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

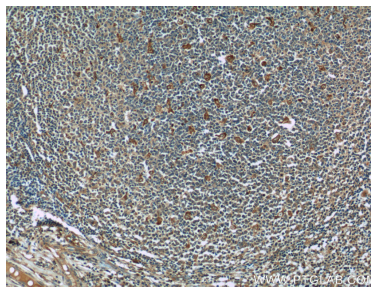
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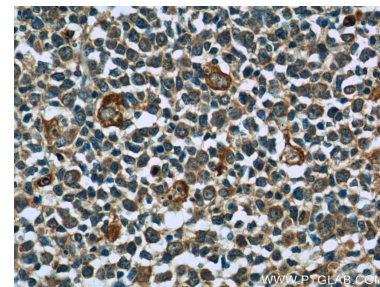
## Selected Validation Data



$1 \times 10^6$  K-562 cells were intracellularly stained with 0.4  $\mu$ 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  $\mu$ 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).