

For Research Use Only

# CCR5 Polyclonal antibody

Catalog Number: 17476-1-AP

9 Publications



## Basic Information

Catalog Number:

17476-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11493

GenBank Accession Number:

BC038398

GeneID (NCBI):

1234

UNIPROT ID:

P51681

Full Name:

chemokine (C-C motif) receptor 5

Calculated MW:

352 aa, 41 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:400-1:1600

## Applications

Tested Applications:

FC, IHC, ELISA

Cited Applications:

IF, IHC

Species Specificity:

human

Cited Species:

human, macaque

**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

CCR5 (also known as CD195) is a member of the beta chemokine receptor family. This protein is expressed by T cells and macrophages and is known to be an important co-receptor for macrophage-tropic viruses, including HIV, to enter host cells. The natural chemokine ligands that bind to CCR5 include MIP-1-alpha, MIP-1-beta, MCP-2, and RANTES.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jing Li	34040073	Sci Rep	
Elizabeth Delery	31119711	J Neurovirol	IHC
Haixu Xu	35589690	Cell Death Dis	

## 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:

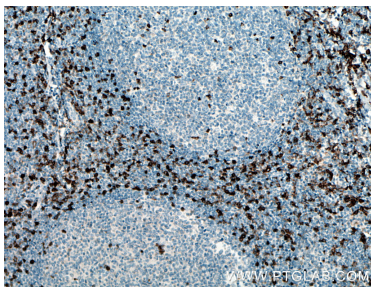
T: 4006900926

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

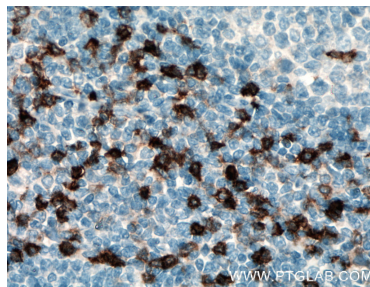
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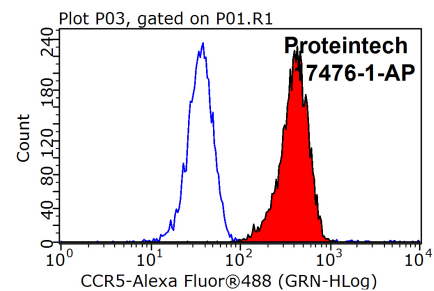
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17476-1-AP (CCR5 antibody) at dilution of 1:800 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17476-1-AP (CCR5 antibody) at dilution of 1:800 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10<sup>6</sup> K-562 cells were stained with 0.2ug CCR5 antibody (17476-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.