

For Research Use Only

CCR5 Polyclonal antibody

Catalog Number: 17476-1-AP

9 Publications



Basic Information

Catalog Number: 17476-1-AP	GenBank Accession Number: BC038398	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 1234	Recommended Dilutions: IHC 1:400-1:1600
Source: Rabbit	UNIPROT ID: P51681	
Isotype: IgG	Full Name: chemokine (C-C motif) receptor 5	
Immunogen Catalog Number: AG11493	Calculated MW: 352 aa, 41 kDa	

Applications

Tested Applications: FC, IHC, ELISA	Positive Controls: IHC : human tonsillitis tissue,
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	

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:

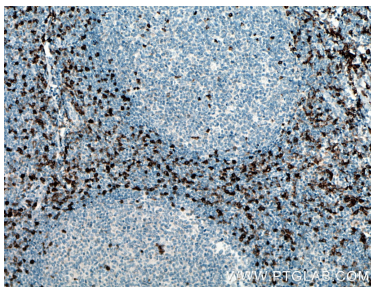
T: 4006900926

E: Proteintech-CN@ptglab.com

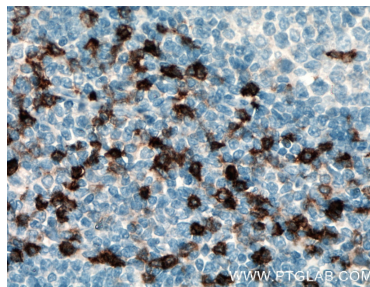
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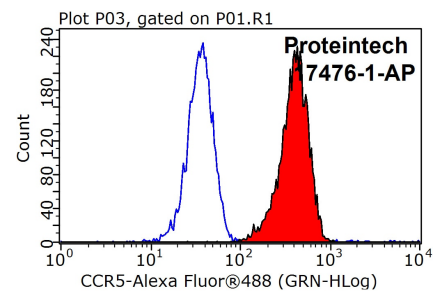
Selected Validation Data



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).



1X10⁶ 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.