

For Research Use Only

CCR5 Polyclonal antibody

Catalog Number: 17476-1-AP

11 Publications



Basic Information

Catalog Number:

17476-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 387 ug/ml by Bradford method using BSA as the standard;

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:

IHC, ELISA

Cited Applications:

IHC, IF

Species Specificity:

human

Cited Species:

human, macaque

Positive Controls:

IHC : human tonsillitis tissue,

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

*** 20ul sizes contain 0.1% BSA

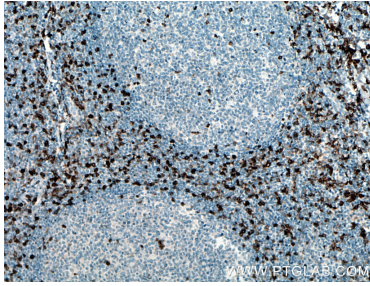
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

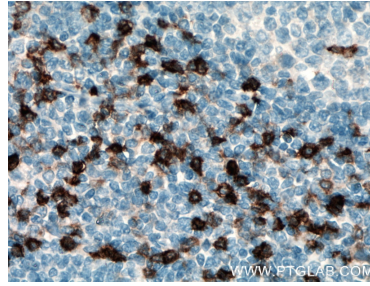
E: proteintech@ptglab.com
W: ptglab.com

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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)).