

For Research Use Only

# CCR5 Recombinant antibody

Catalog Number: 82942-1-RR



## Basic Information

<b>Catalog Number:</b> 82942-1-RR	<b>GenBank Accession Number:</b> BC038398	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1234	<b>CloneNo.:</b> 230266A6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P51681	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> chemokine (C-C motif) receptor 5	
<b>Immunogen Catalog Number:</b> AG11493	<b>Calculated MW:</b> 352 aa, 41 kDa	
	<b>Observed MW:</b> 45 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : U-937 cells, mouse thymus tissue
<b>Species Specificity:</b> Human, mouse	

## 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.

## Storage

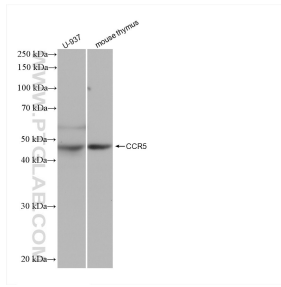
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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



Various lysates were subjected to SDS PAGE followed by western blot with 82942-1-RR (CCR5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.