

For Research Use Only

CCR5 Recombinant antibody

Catalog Number: 82942-1-RR



Basic Information

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

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : U-937 cells, mouse thymus tissue
Species Specificity: 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

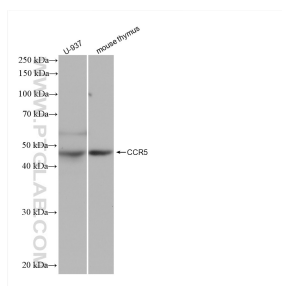
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

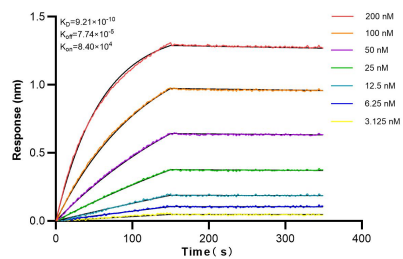
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.



Biolayer interferometry (BLI) kinetic assays of 82942-1-RR against Human CCR5 were performed. The affinity constant is 0.921 nM.