

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: 1000 µg/ml	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	

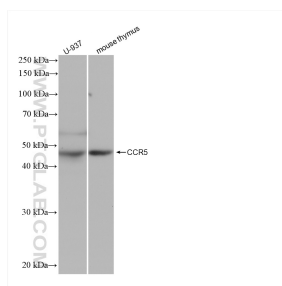
Background Information

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.

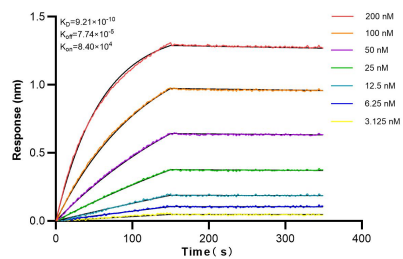
Storage

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

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.