

## CKR-5 (phospho Ser349) Polyclonal Antibody

Catalog No: #13964



Package Size: #13964-1 50ul #13964-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	CKR-5 (phospho Ser349) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,ELISA
Species Reactivity	Human
Specificity	Phospho-CKR-5 (S349) Polyclonal Antibody detects endogenous levels of CKR-5 protein only when phosphorylated at S349.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human CCR5 around the phosphorylation site of Ser349. AA range:303-352
Other Names	CCR5; CMKBR5; C-C chemokine receptor type 5; C-C CKR-5; CC-CKR-5; CCR-5; CCR5; CHEMR13; HIV-1 fusion coreceptor; CD antigen CD195
Accession No.	Swiss Prot:P51681GenelD:1234/727797
Uniprot	P51681
GenelD	1234/727797
SDS-PAGE MW	40
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.

## Background

C-C motif chemokine receptor 5 (gene/pseudogene)(CCR5) Homo sapiens This gene encodes a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. This protein is expressed by T cells and macrophages, and is known to be an important co-receptor for macrophage-tropic virus, including HIV, to enter host cells. Defective alleles of this gene have been associated with the HIV infection resistance. The ligands of this receptor include monocyte chemoattractant protein 2 (MCP-2), macrophage inflammatory protein 1 alpha (MIP-1 alpha), macrophage inflammatory protein 1 beta (MIP-1 beta) and regulated on activation normal T expressed and secreted protein (RANTES). Expression of this gene was also detected in a promyeloblastic cell line, suggesting that this protein may play a role in granulocyte lineage proliferation and differentiation. This gene is located at the chemok

Note: This product is for in vitro research use only