

## CCR5 (Phospho-Ser349) Antibody

Catalog No: #11650



Package Size: #11650-1 50ul #11650-2 100ul

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

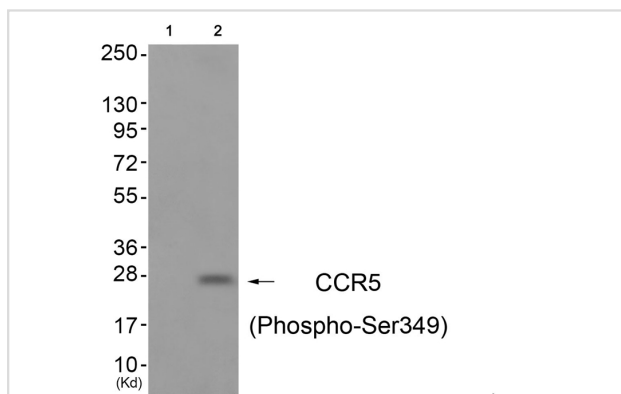
## Description

Product Name	CCR5 (Phospho-Ser349) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of CCR5 only when phosphorylated at serine 349.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 349 (E-I-S(p)-V-G) derived from Human CCR5.
Target Name	CCR5
Modification	Phospho
Other Names	C-C CKR-5; CKR5; CHEMR13; CMKBR5; CCR-5
Accession No.	Swiss-Prot#: P51681; NCBI Gene#: 1234/727797; NCBI Protein#: NP_000570.1.
SDS-PAGE MW	40kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

## Application Details

Western blotting: 1:500~1:1000

## Images



Western blot analysis of extracts from A549 cells (Lane 2), using CCR5 (Phospho-Ser349) Antibody #11650. The lane on the left is treated with antigen-specific peptide.

## Background

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Receptor for a number of inflammatory CC-chemokines including MIP-1-alpha, MIP-1-beta and RANTES and subsequently transduces a signal by increasing the intracellular calcium ion level. May play a role in the control of granulocytic lineage proliferation or differentiation. Acts as a coreceptor (CD4 being the primary receptor) for HIV-1 R5 isolates.

Martin Oppermann, J. Biol. Chem., Mar 1999; 274: 8875.

Beatrix Pollok-Kopp, J. Biol. Chem., Jan 2003; 278: 2190 - 2198.

Ramtin Rahbar, J. Virol., Jul 2006; 80: 7245 - 7259.

H Olbrich, J. Leukoc. Biol., Mar 1999; 65: 281.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.