



CCR5 (Phospho-Ser349) Antibody

#14131

Catalog Number: 14131-1, 14131-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P51681

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from Human CCR5 around the phosphorylation site of Serine 349

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

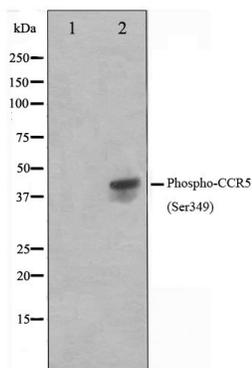
Specificity/Sensitivity: Phospho-CCR5 (Ser349) Antibody detects endogenous levels of CCR5 only when phosphorylated at Serine 349

Reactivity: Human

Applications:

Predicted MW: 40kd

WB: 1:500~1:2000



Western blot analysis on Jurkat cell lysate using
Phospho-CCR5(Ser349) Antibody

Background : CCR5 a 7-transmembrane G-linked receptor for a number of inflammatory C-C type chemokines including MIP-1-alpha, MIP-1-beta and RANTES. 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 (along with CD4) for HIV-1 R5 isolates. Interacts with PRAF2. Interacts with HIV-1 surface protein gp120. Efficient ligand binding to CCL3/MIP-1alpha and CCR4/MIP-1beta requires sulfation, O-glycosylation and sialic acid modifications. Glycosylation on S6 is required for efficient binding of CCL4.