



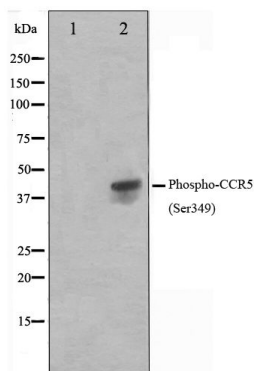
## CCR5 (Phospho-Ser349) Antibody

#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 Mg<sup>2+</sup> and Ca<sup>2+</sup>), 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 is 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.