ELK Biotechnology

CKR-5 (phospho Ser336) rabbit pAb

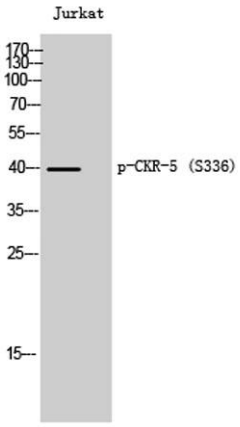
Cat No.:ES4710

For research use only

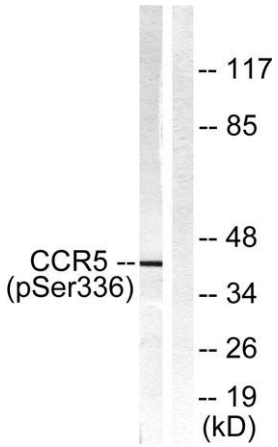
Overview

Product Name	CKR-5 (phospho Ser336) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CCR5 around the phosphorylation site of Ser336. AA range:302-351
Specificity	Phospho-CKR-5 (S336) Polyclonal Antibody detects endogenous levels of CKR-5 protein only when phosphorylated at S336.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	C-C chemokine receptor type 5
Gene Name	CCR5
Cellular localization	Cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	40kD
Human Gene ID	1234/727797
Human Swiss-Prot Number	P51681
Alternative 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
Background	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



Western Blot analysis of Jurkat cells using Phospho-CKR-5 (S336) Polyclonal Antibody



Western blot analysis of lysates from Jurkat cells, using CCR5 (Phospho-Ser336) Antibody. The lane on the right is blocked with the phospho peptide.