

CCR5 rabbit pAb

Cat No.:ES8888

For research use only

Overview

Product Name CCR5 rabbit pAb

Host species Rabbit
Applications WB;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions WB 1:500-2000, ELISA 1:10000-20000

Immunogen Synthesized peptide derived from human CCR5

Polyclonal

Specificity This antibody detects endogenous levels of CCR5. **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 (C-C CKR-5)

(CC-CKR-5) (CCR-5) (CCR5) (CHEMR13) (HIV-1 fusion

coreceptor) (CD antigen CD195)

Gene Name CCR5 CMKBR5

Cellular localizationCell membrane ; Multi-pass membrane protein .PurificationThe 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
Human Swiss-Prot Number P51681

Alternative Names 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

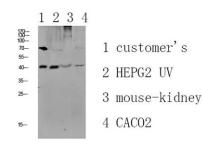


+86-27-59760950 ELKbio@ELKbiotech.com



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 various lysate, antibody was diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



+86-27-59760950

