

CCR5 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP00283

Host Rabbit

Isotype IgG

Size 100ul, 50ul, 20ul

Immunogen Synthesized peptide derived from human CCR5 Polyclonal

Mol wt N/A

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name CCR5

Synonyms CCR5; C-C chemokine receptor type 5; C-C CKR-5; CC-CKR-5; CCR5; CHEMR13; HIV-1 fusion

coreceptor; CD antigen CD195

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

at 1:20000

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

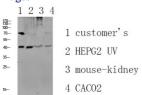
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

Images



 $We stern \ blot \ analysis \ of \ various \ ly sate, \ antibody \ was \ diluted \ at \ 1000. \ Secondary \ antibody \ was \ diluted$

Storage

-20°C for 1 year