

CKR-5 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14979
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CCR5. AA range:303-352
Mol wt	40524
Species reactivity	Human, Monkey
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	C-C chemokine receptor type 5
Synonyms	C-C chemokine receptor type 5; 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

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

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

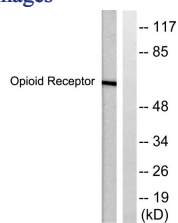
Recommended Dilution

WB: 1: 500 - 1: 2000

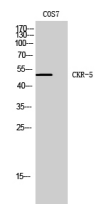
ELISA: 1: 5000

Not yet tested in other applications.

Images



Western Blot analysis of COS7 cells using CKR-5 Polyclonal Antibody



Western blot analysis of lysates from COS7 cells, using CCR5 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for 1 year

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