

CCR4 polyclonal antibody

Catalog: BS60964

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

C-C or β chemokine family members are characterized by a pair of adjacent cysteine residues and serve as potent chemoattractants and activators of monocytes and T cells. C-C chemokine receptor family members include CKR-1, CKR-2A, CKR-2B, CKR-3, CKR-4, CKR-5, CKR-6, CKR-7 and the Duffy blood group antigen. Each of these receptors are G protein-coupled, seven pass transmembrane domain proteins whose major physiological role is to function in the chemotaxis of T cells and phagocytic cells to areas of inflammation.

However, this receptor family has also been shown to facilitate viral infection.

CCR4 (C-C chemokine receptor type 4), also known as CMKBR4, is

a 360 amino acid multi-pass membrane protein that localizes to the cell membrane and belongs to the C-C chemokine receptor family. Expressed at high levels in peripheral blood leukocytes and thymus tissue, CKR-4 functions as a high affinity receptor for C-C type chemokines and is thought to be involved

in hippocampal-neuron survival.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 41 kDa

Swiss-Prot:

P51679

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

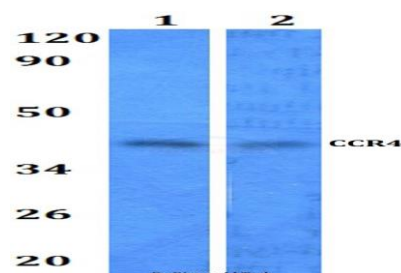
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CCR4 polyclonal antibody detects endogenous levels of CCR4 protein.

DATA:



Western blot (WB) analysis of CCR4 polyclonal antibody at 1:500 dilution

Lane 1: HEK293T whole cell lysate

Lane 2: NIH-3T3 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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