

CCR3

Reactivity: Human

Tested applications: WB IHC

Recommended Dilution: WB 1:200 - 1:1000 IHC 1:50 - 1:200

Calculated MW: 41kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human CCR3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CKR3; CD193; CMKBR3; CC-CKR-3;

Catalog #: A2856

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1232

Isotype: IgG

Swiss Prot: P51677

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is a receptor for C-C type chemokines. It belongs to family 1 of the G protein-coupled receptors. This receptor binds and responds to a variety of chemokines, including eotaxin (CCL11), eotaxin-3 (CCL26), MCP-3 (CCL7), MCP-4 (CCL13), and RANTES (CCL5). It is highly expressed in eosinophils and basophils, and is also detected in TH1 and TH2 cells, as well as in airway epithelial cells. This receptor may contribute to the accumulation and activation of eosinophils and other inflammatory cells in the allergic airway. It is also known to be an entry co-receptor for HIV-1. This gene and seven other chemokine receptor genes form a chemokine receptor gene cluster on the chromosomal region 3p21. Alternatively spliced transcript variants have been described.

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