

## 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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