

# CCR3 Rabbit pAb

Catalog No.: A20253

## Basic Information

### Observed MW

50kDa

### Calculated MW

41kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

## 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.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IHC-P</b>	1:50 - 1:200

## Immunogen Information

### Gene ID

1232

### Swiss Prot

P51677

### Immunogen

Recombinant fusion protein containing a sequence within amino acids 146-226 of human CCR3 (NP\_001828.1).

### Synonyms

CKR3; CD193; CKR 3; CMKBR3; C C CKR3; CC-CKR-3; CCR3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

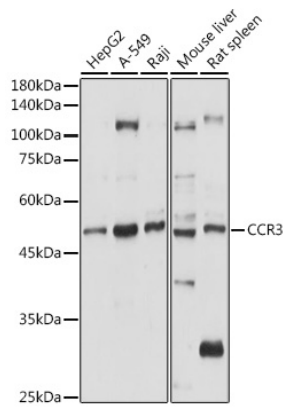
Affinity purification

### Storage

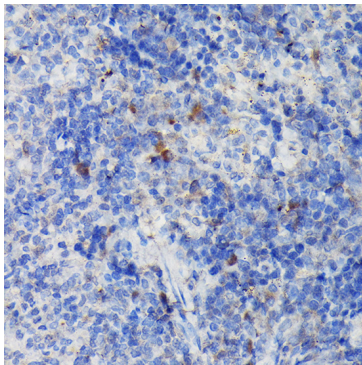
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

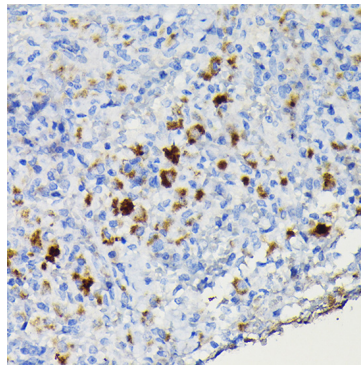
## Validation Data



Western blot analysis of various lysates using CCR3 Rabbit pAb (A20253) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded rat spleen using CCR3 Rabbit pAb (A20253) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse spleen using CCR3 Rabbit pAb (A20253) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.