

**CCR3 Antibody (Extracellular Domain)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10347****Specification**

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**CCR3 Antibody (Extracellular Domain) - Product Information**

Application	IHC
Primary Accession	<a href="#">P51677</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa KDa

**CCR3 Antibody (Extracellular Domain) - Additional Information****Gene ID** 1232**Other Names**

C-C chemokine receptor type 3, C-C CKR-3, CC-CKR-3, CCR-3, CCR3, CKR3, Eosinophil eotaxin receptor, CD193, CCR3, CMKBR3

**Target/Specificity**

Human CCR3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

CCR3 Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

**CCR3 Antibody (Extracellular Domain) - Protein Information****Name** CCR3**Synonyms** CMKBR3**Function**

Receptor for C-C type chemokine. Binds and responds to a variety of chemokines, including CCL11, CCL26, CCL7, CCL13, RANTES(CCL5) and CCL15 (PubMed:<a href="http://www.uniprot.org/citations/7622448" target="\_blank">7622448</a>, PubMed:<a href="http://www.uniprot.org/citations/8642344" target="\_blank">8642344</a>, PubMed:<a href="http://www.uniprot.org/citations/8676064" target="\_blank">8676064</a>). Subsequently transduces a signal by increasing the intracellular calcium ions level (PubMed:<a href="http://www.uniprot.org/citations/8676064" target="\_blank">8676064</a>). In addition acts as a possible functional receptor for NARS1 (PubMed:<a href="http://www.uniprot.org/citations/30171954" target="\_blank">30171954</a>).

### Cellular Location

Cell membrane; Multi-pass membrane protein

### Tissue Location

In eosinophils as well as trace amounts in neutrophils and monocytes.

### Volume

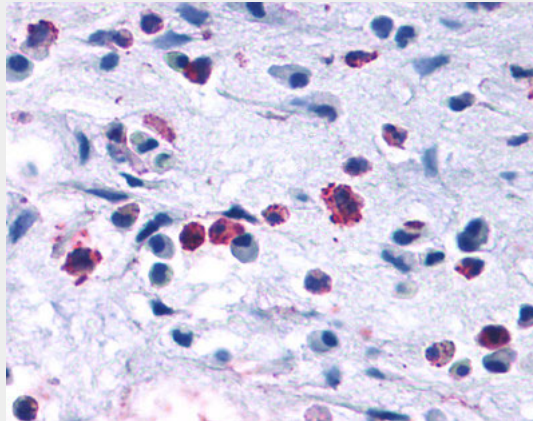
50  $\mu$ l

## CCR3 Antibody (Extracellular Domain) - Protocols

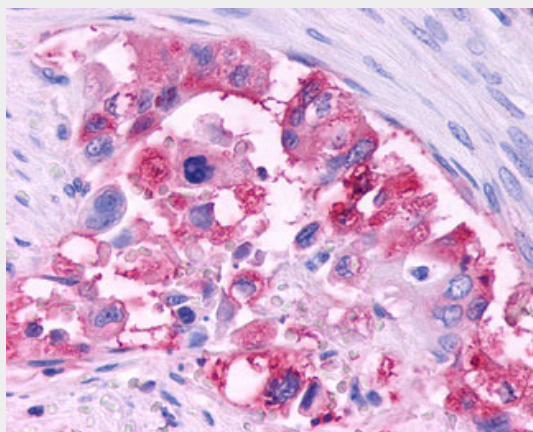
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

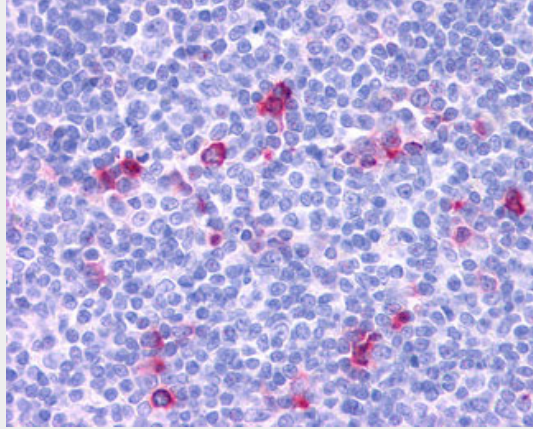
## CCR3 Antibody (Extracellular Domain) - Images



Anti-CCR3 antibody ALS10347 IHC of human nasal mucosa, allergic rhinitis, eosinophils.



Anti-CCR3 antibody IHC of human Pancreas, Carcinoma.



Anti-CCR3 antibody IHC of human tonsil.

### **CCR3 Antibody (Extracellular Domain) - Background**

Receptor for a C-C type chemokine. Binds to eotaxin, eotaxin-3, MCP-3, MCP-4, RANTES and MIP-1 delta. Subsequently transduces a signal by increasing the intracellular calcium ions level. Alternative coreceptor with CD4 for HIV-1 infection.

### **CCR3 Antibody (Extracellular Domain) - References**

Combadiere C.,et al.J. Biol. Chem. 270:16491-16494(1995).  
Combadiere C.,et al.J. Biol. Chem. 270:30235-30235(1995).  
Daugherty B.L.,et al.J. Exp. Med. 183:2349-2354(1996).  
Ponath P.D.,et al.J. Exp. Med. 183:2437-2448(1996).  
Xiao L.,et al.Submitted (NOV-1997) to the EMBL/GenBank/DDBJ databases.