

**CCR3 Antibody (aa5-28)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS15344****Specification**

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**CCR3 Antibody (aa5-28) - Product Information**

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

**CCR3 Antibody (aa5-28) - 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**

This antibody recognizes mouse CCR3 and the peptide sequence is &lt;50 % identical to other chemokine receptors in this region.

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

CCR3 Antibody (aa5-28) is for research use only and not for use in diagnostic or therapeutic procedures.

**CCR3 Antibody (aa5-28) - 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:&lt;a href="http://www.uniprot.org/citations/7622448" target="\_blank"&gt;7622448&lt;/a&gt;, PubMed:&lt;a href="http://www.uniprot.org/citations/8642344" target="\_blank"&gt;8642344&lt;/a&gt;, PubMed:&lt;a href="http://www.uniprot.org/citations/8676064" target="\_blank"&gt;8676064&lt;/a&gt;). Subsequently transduces a signal by increasing the intracellular calcium ions level (PubMed:&lt;a href="http://www.uniprot.org/citations/8676064" target="\_blank"&gt;8676064&lt;/a&gt;). In addition acts as a possible functional receptor for NARS1 (PubMed:&lt;a href="http://www.uniprot.org/citations/30171954" target="\_blank"&gt;30171954&lt;/a&gt;).

**Cellular Location**

Cell membrane; Multi-pass membrane protein

**Tissue Location**

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

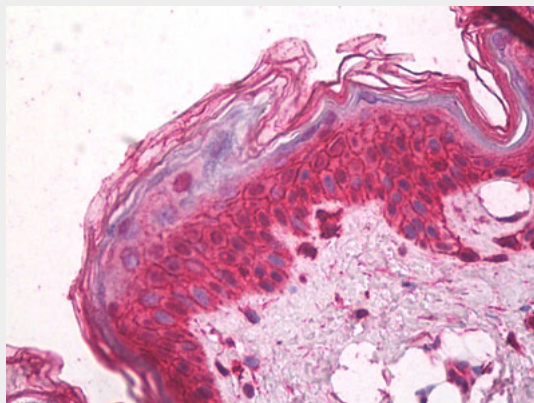
**Volume**

100  $\mu$ l

**CCR3 Antibody (aa5-28) - 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 (aa5-28) - Images**

Anti-CCR3 antibody IHC of human skin.

**CCR3 Antibody (aa5-28) - 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 (aa5-28) - 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.