10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CCR3 Antibody (aa5-28)

Goat Polyclonal Antibody

Catalog # ALS15344

Specification

CCR3 Antibody (aa5-28) - Product Information

Application	**IHC**
Primary Accession	P51677
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 <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:7622448, PubMed:8642344, PubMed:8676064). Subsequently transduces a signal by increasing the intracellular calcium ions level (PubMed:8676064). In addition acts as a possible functional receptor for NARS1 (PubMed:30171954).

Cellular Location
Cell membrane; Multi-pass membrane protein

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

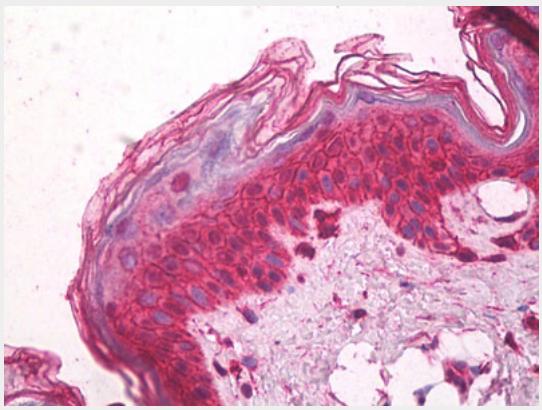
Volume
100 µl

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 Cytomety
- 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).
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Daugherty B.L.,et al.J. Exp. Med. 183:2349-2354(1996).
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