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CCR3 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10349

Specification

CCR3 Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	P51677
Reactivity	**Human, Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**41kDa KDa**

CCR3 Antibody (C-Terminus) - 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, except CGNL1 (44%).

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
CCR3 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CCR3 Antibody (C-Terminus) - 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.

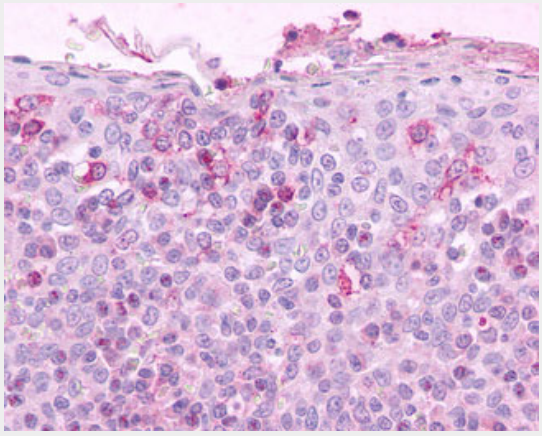
Volume
50 µl

CCR3 Antibody (C-Terminus) - Protocols

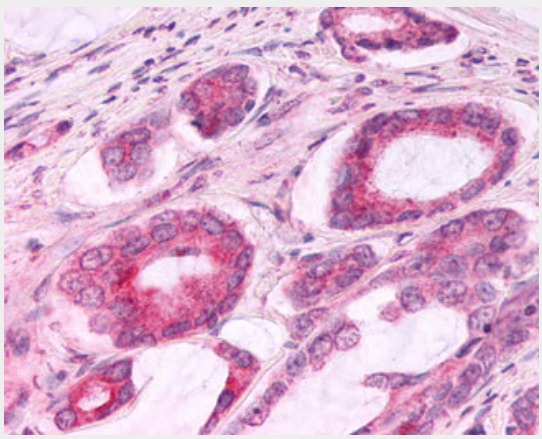
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CCR3 Antibody (C-Terminus) - Images



Anti-CCR3 antibody IHC of human tonsil.



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Anti-CCR3 antibody IHC of human Prostate, Carcinoma.

CCR3 Antibody (C-Terminus) - 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 (C-Terminus) - 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.