

CXCR3 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10341**Specification**

CXCR3 Antibody (C-Terminus) - Product Information

Application	IHC-P
Primary Accession	P49682
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa KDa
Dilution	IHC-P~~N/A

CXCR3 Antibody (C-Terminus) - Additional Information**Gene ID** 2833**Other Names**

C-X-C chemokine receptor type 3, CXC-R3, CXCR-3, CKR-L2, G protein-coupled receptor 9, Interferon-inducible protein 10 receptor, IP-10 receptor, CD183, CXCR3, GPR9

Target/Specificity

Human CXCR3. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except SRRM2 (59%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

CXCR3 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CXCR3 Antibody (C-Terminus) - Protein Information**Name** CXCR3**Synonyms** GPR9**Function**

[Isoform 1]: Receptor for the C-X-C chemokine CXCL9, CXCL10 and CXCL11 and mediates the proliferation, survival and angiogenic activity of human mesangial cells (HMC) through a heterotrimeric G- protein signaling pathway (PubMed:12782716). Binds to CCL21. Probably promotes cell chemotaxis response. Upon activation by PF4, induces activated T-lymphocytes migration mediated via downstream Ras/extracellular signal-regulated kinase (ERK) signaling. [Isoform 3]: Mediates the activity of CXCL11.

Cellular Location

[Isoform 1]: Cell membrane; Multi-pass membrane protein

Tissue Location

Isoform 1 and isoform 2 are mainly expressed in heart, kidney, liver and skeletal muscle. Isoform 1 is also expressed in placenta. Isoform 2 is expressed in endothelial cells. Expressed in T-cells (at protein level).

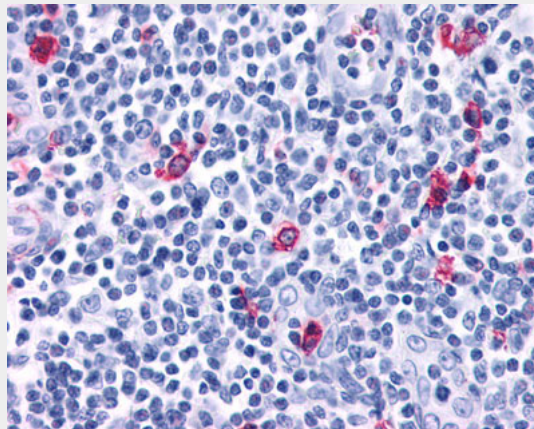
Volume

50 µl

CXCR3 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 Cytometry](#)
- [Cell Culture](#)

CXCR3 Antibody (C-Terminus) - Images

Anti-CXCR3 antibody ALS10341 IHC of human tonsil.

CXCR3 Antibody (C-Terminus) - Background

Isoform 1: Receptor for the C-X-C chemokine CXCL9, CXCL10 and CXCL11 and mediates the proliferation, survival and angiogenic activity of human mesangial cells (HMC) through a heterotrimeric G-protein signaling pathway (PubMed:12782716). Binds to CCL21. Probably promotes cell chemotaxis response. Isoform 3: Mediates the activity of CXCL11.

CXCR3 Antibody (C-Terminus) - References

Loetscher M., et al. J. Exp. Med. 184:963-969(1996).
Lasagni L., et al. J. Exp. Med. 197:1537-1549(2003).
Petrai I., et al. Int. J. Biochem. Cell Biol. 40:1764-1774(2008).

Gutierrez J.,et al.Submitted (SEP-1996) to the EMBL/GenBank/DDBJ databases.
Warren C.N.,et al.Submitted (FEB-2003) to the EMBL/GenBank/DDBJ databases.