

CXCR1 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10173**Specification**

CXCR1 Antibody (C-Terminus) - Product Information

Application	IHC-P
Primary Accession	P25024
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40kDa KDa
Dilution	IHC-P~~N/A

CXCR1 Antibody (C-Terminus) - Additional Information**Gene ID** 3577**Other Names**

C-X-C chemokine receptor type 1, CXC-R1, CXCR-1, CDw128a, High affinity interleukin-8 receptor A, IL-8R A, IL-8 receptor type 1, CD181, CXCR1, CMKAR1, IL8RA

Target/Specificity

Human CXCR1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

CXCR1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CXCR1 Antibody (C-Terminus) - Protein Information**Name** CXCR1**Synonyms** CMKAR1, IL8RA**Function**

Receptor to interleukin-8, which is a powerful neutrophils chemotactic factor (PubMed:1840701). Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G- protein that activates a phosphatidylinositol-calcium second messenger system (PubMed:8662698).

Cellular Location

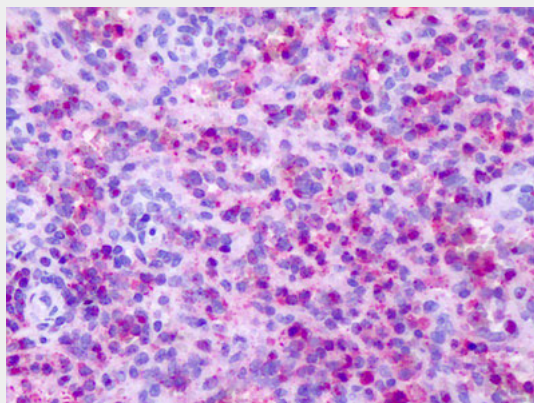
Cell membrane; Multi-pass membrane protein.

CXCR1 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](#)

CXCR1 Antibody (C-Terminus) - Images



Anti-CXCR1 antibody IHC of human spleen, neutrophils.

CXCR1 Antibody (C-Terminus) - Background

Receptor to interleukin-8, which is a powerful neutrophils chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activate a phosphatidylinositol-calcium second messenger system. This receptor binds to IL-8 with a high affinity and to MGSA (GRO) with a low affinity.

CXCR1 Antibody (C-Terminus) - References

- Holmes W.E., et al. Science 253:1278-1280(1991).
Cerretti D.P., et al. Mol. Immunol. 30:359-367(1993).
Mollereau C., et al. Genomics 16:248-251(1993).
Ahuja S.K., et al. J. Biol. Chem. 269:26381-26389(1994).
Liu Y., et al. J. Mol. Evol. 61:691-696(2005).