

CXCR2 Antibody (Extracellular Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10171**Specification**

CXCR2 Antibody (Extracellular Domain) - Product Information

Application	IHC-P
Primary Accession	P25025
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa KDa
Dilution	IHC-P~~N/A

CXCR2 Antibody (Extracellular Domain) - Additional Information**Gene ID** 3579**Other Names**

C-X-C chemokine receptor type 2, CXC-R2, CXCR-2, CDw128b, GRO/MGSA receptor, High affinity interleukin-8 receptor B, IL-8R B, IL-8 receptor type 2, CD182, CXCR2, IL8RB

Target/Specificity

Human CXCR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

CXCR2 Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

CXCR2 Antibody (Extracellular Domain) - Protein Information**Name** CXCR2**Synonyms** IL8RB**Function**

Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor (PubMed:1891716). 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). Binds to IL-8 with high affinity. Also binds with high affinity to CXCL3, GRO/MGSA and NAP-2.

Cellular Location

Cell membrane; Multi-pass membrane protein.

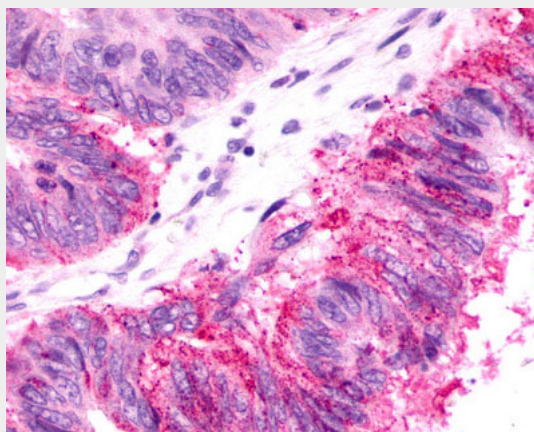
Volume
50 µl

CXCR2 Antibody (Extracellular Domain) - Protocols

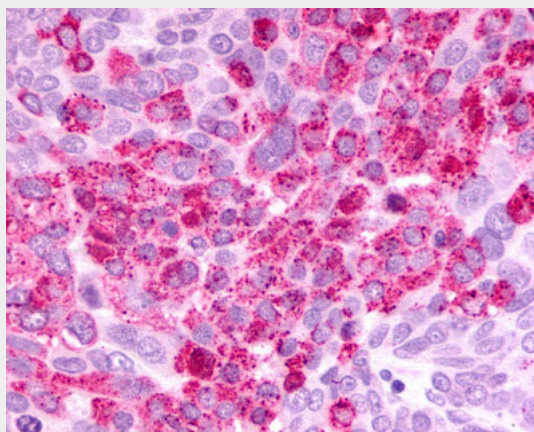
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

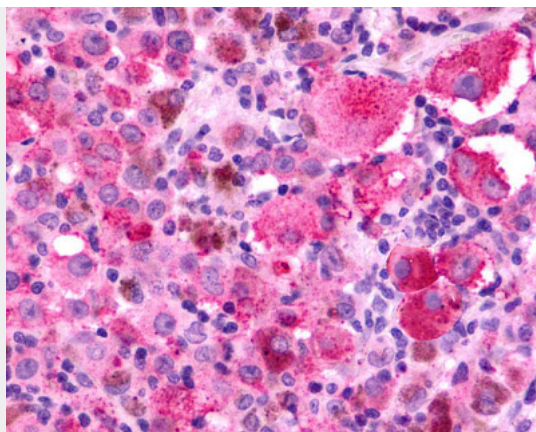
CXCR2 Antibody (Extracellular Domain) - Images



Anti-CXCR2 antibody IHC of human Colon, Carcinoma.



Anti-CXCR2 antibody IHC of human Ovary, Carcinoma.



Anti-CXCR2 antibody IHC of human Skin, Melanoma.

CXCR2 Antibody (Extracellular Domain) - Background

Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor. 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. Binds to IL-8 with high affinity. Also binds with high affinity to CXCL3, GRO/MGSA and NAP-2.

CXCR2 Antibody (Extracellular Domain) - References

Murphy P.M.,et al.Science 253:1280-1283(1991).
Cerretti D.P.,et al.Mol. Immunol. 30:359-367(1993).
Sprenger H.,et al.J. Biol. Chem. 269:11065-11072(1994).
Ahuja S.K.,et al.J. Biol. Chem. 269:26381-26389(1994).
Kato H.,et al.Genes Immun. 1:330-337(2000).