

**CXCR2 Antibody (N-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10170****Specification**

---

**CXCR2 Antibody (N-Terminus) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC-P                  |
| Primary Accession | <a href="#">P25025</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 41kDa KDa              |
| Dilution          | IHC-P~~N/A             |

**CXCR2 Antibody (N-Terminus) - 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 (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**CXCR2 Antibody (N-Terminus) - Protein Information****Name** CXCR2**Synonyms** IL8RB**Function**

Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor (PubMed:<a href="http://www.uniprot.org/citations/1891716" target="\_blank">1891716</a>). 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:<a href="http://www.uniprot.org/citations/8662698" target="\_blank">8662698</a>). Binds to IL-8 with high affinity. Also binds with high affinity to CXCL3, GRO/MGSA and NAP-2.

**Cellular Location**

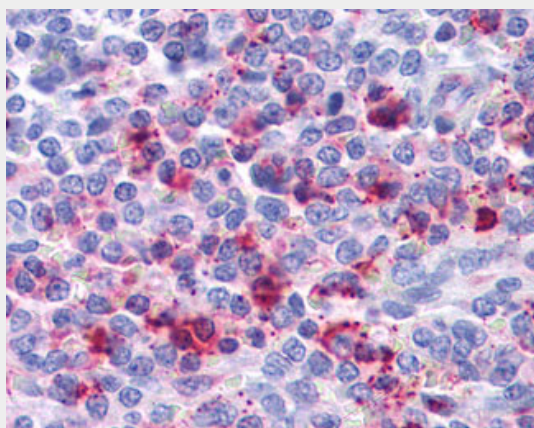
Cell membrane; Multi-pass membrane protein.

### **CXCR2 Antibody (N-Terminus) - Protocols**

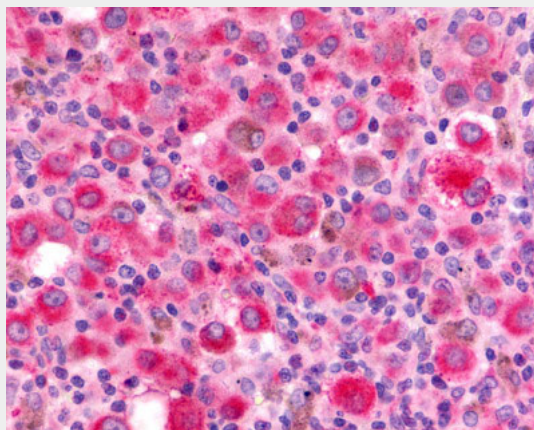
Provided below are standard protocols that you may find useful for product applications.

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

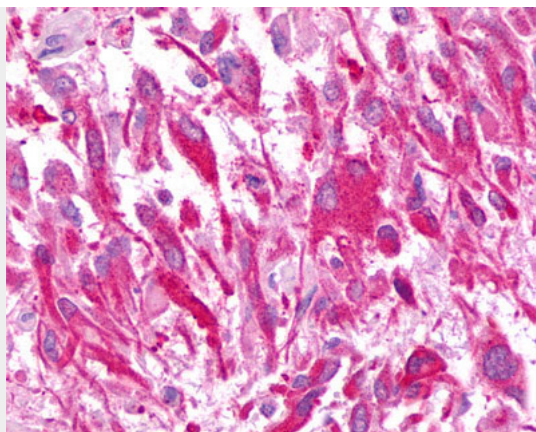
### **CXCR2 Antibody (N-Terminus) - Images**



Anti-CXCR2 antibody ALS10170 IHC of human spleen.



Anti-CXCR2 antibody IHC of human Skin, Melanoma.



Anti-CXCR2 antibody IHC of human Brain, Glioblastoma.

#### **CXCR2 Antibody (N-Terminus) - 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 (N-Terminus) - 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).