

CD128 / Cxcr2 (mouse) Antibody (N-Term)
Peptide-affinity purified goat antibody
Catalog # AF3708a**Specification**

CD128 / Cxcr2 (mouse) Antibody (N-Term) - Product Information

Application	WB, E
Primary Accession	P25025
Other Accession	NP_034039.1 , 3579
Reactivity	Mouse
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	40759

CD128 / Cxcr2 (mouse) Antibody (N-Term) - 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

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CD128 / Cxcr2 (mouse) Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

CD128 / Cxcr2 (mouse) Antibody (N-Term) - Protein Information**Name** CXCR2**Synonyms** IL8RB**Function**

Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor (PubMed:<a

[1891716](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/8662698)). Binds to IL-8 with high affinity. Also binds with high affinity to CXCL3, GRO/MGSA and NAP-2.

Cellular Location

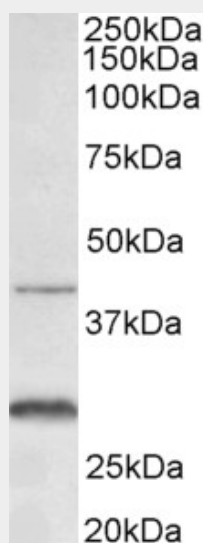
Cell membrane; Multi-pass membrane protein.

CD128 / Cxcr2 (mouse) Antibody (N-Term) - 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](#)

CD128 / Cxcr2 (mouse) Antibody (N-Term) - Images



AF3708a (0.3 µg/ml) staining of Mouse Colon lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

CD128 / Cxcr2 (mouse) Antibody (N-Term) - Background

Reported isoforms represent identical protein: NP_001548.1, NP_001161770.1. The immunizing peptide represent part of an extracellular domain.

CD128 / Cxcr2 (mouse) Antibody (N-Term) - References

CXCR1 and CXCR2 enhances human melanoma tumourigenesis, growth and invasion. Singh S, Nannuru KC, Sadanandam A, Varney ML, Singh RK, British journal of cancer 2009 May 100 (10): 1638-46. PMID: 19401689