

Goat Anti-CXCL2 / MIP-2 Antibody
Peptide-affinity purified goat antibody
Catalog # AF2186a**Specification**

Goat Anti-CXCL2 / MIP-2 Antibody - Product Information

Application	WB, E
Primary Accession	P19875
Other Accession	NP_002080 , 2920
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	11389

Goat Anti-CXCL2 / MIP-2 Antibody - Additional Information**Gene ID** 2920**Other Names**

C-X-C motif chemokine 2, Growth-regulated protein beta, Gro-beta, Macrophage inflammatory protein 2-alpha, MIP2-alpha, GRO-beta(5-73), GRO-beta-T, Hematopoietic synergistic factor, HSF, SB-251353, CXCL2, GRO2, GROB, MIP2A, SCYB2

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, 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

Goat Anti-CXCL2 / MIP-2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-CXCL2 / MIP-2 Antibody - Protein Information**Name** CXCL2**Synonyms** GRO2, GROB, MIP2A, SCYB2

Function

Produced by activated monocytes and neutrophils and expressed at sites of inflammation. Hemateregulatory chemokine, which, in vitro, suppresses hematopoietic progenitor cell proliferation. GRO-beta(5-73) shows a highly enhanced hematopoietic activity.

Cellular Location

Secreted.

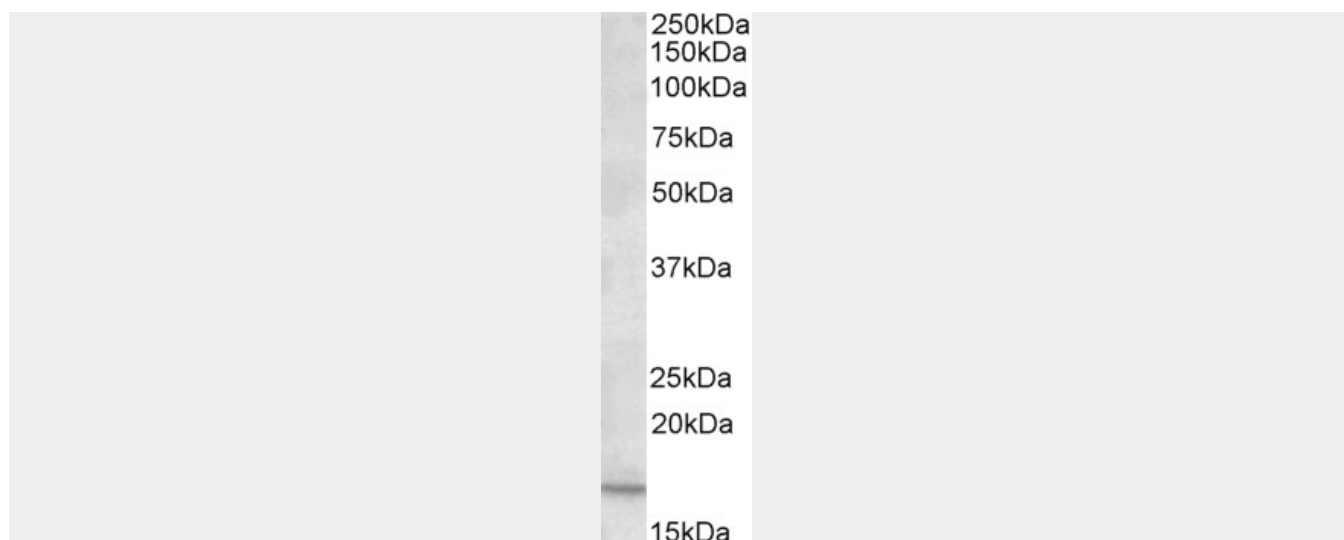
Goat Anti-CXCL2 / MIP-2 Antibody - Protocols

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](#)

Goat Anti-CXCL2 / MIP-2 Antibody - Images

AF2186a (0.03 µg/ml) staining of Daudi lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence



AF2186a (0.2 µg/ml) staining of Human Duodenum lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence

Goat Anti-CXCL2 / MIP-2 Antibody - References

New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496.

STAT3 controls the neutrophil migratory response to CXCR2 ligands by direct activation of G-CSF-induced CXCR2 expression and via modulation of CXCR2 signal transduction. Nguyen-Jackson H, et al. Blood, 2010 Apr 22. PMID 20185584.

Differential expression of the chemokines GRO-2, GRO-3, and interleukin-8 in colon cancer and their impact on metastatic disease and survival. Doll D, et al. Int J Colorectal Dis, 2010 May. PMID 20162422.

Polymorphisms in innate immunity genes and patients response to dendritic cell-based HIV immuno-treatment. Segat L, et al. Vaccine, 2010 Mar 2. PMID 20056178.

A key role for early growth response-1 and nuclear factor-kappaB in mediating and maintaining GRO/CXCR2 proliferative signaling in esophageal cancer. Wang B, et al. Mol Cancer Res, 2009 May. PMID 19435811.