

## CXCL2 Antibody (R32058)

Catalog No.	Formulation	Size
R32058	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	P30348
<b>Applications</b>	Western Blot : 0.1-0.5ug/ml ELISA : 0.1-0.5ug/ml (mouse protein tested); request BSA-free format for coating
<b>Limitations</b>	This CXCL2 antibody is available for research use only.



Western blot testing of mouse recombinant protein with CXCL2 antibody.

## Description

Chemokine (C-X-C motif) ligand 2 (CXCL2) is a small cytokine belonging to the CXC chemokine family that is also called macrophage inflammatory protein 2-alpha (MIP2-alpha), Growth-regulated protein beta (Gro-beta) and Gro oncogene-2(Gro-2). CXCL2 is 90% identical in amino acid sequence as a related chemokine, CXCL1. This chemokine is secreted by monocytes and macrophages and is chemotactic for polymorphonuclear leukocytes and hematopoietic stem cells. The gene for CXCL2 is located on human chromosome 4 in a cluster of other CXC chemokines. CXCL2 mobilizes cells by interacting with a cell surface chemokine receptor called CXCR2.

## Application Notes

Optimal dilution of the CXCL2 antibody should be determined by the researcher.

## Immunogen

Amino acids 32-100 of rat CXCL2 were used as the immunogen for the CXCL2 antibody.

## Storage

After reconstitution, the CXCL2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.