



# CXCL2 rabbit pAb

Cat No.:ES20286

For research use only

## Overview

<b>Product Name</b>	CXCL2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB; ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:1000-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human GRO $\beta$ AA range: 58-107
<b>Specificity</b>	This antibody detects endogenous levels of Human GRO $\beta$
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	GRO $\beta$
<b>Gene Name</b>	CXCL2 GRO2 GROB MIP2A SCYB2
<b>Cellular localization</b>	Secreted.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	2920
<b>Human Swiss-Prot Number</b>	P19875
<b>Alternative Names</b>	C-X-C motif chemokine 2 (Growth-regulated protein beta;Gro-beta;Macrophage inflammatory protein 2-alpha;MIP2-alpha) [Cleaved into: GRO-beta(5-73;GRO-beta-T;Hematopoietic synergistic factor;HSF;SB-251353)]
<b>Background</b>	function:Produced by activated monocytes and neutrophils and expressed at sites of inflammation. Hematoregulatory chemokine, which, in vitro, suppresses hematopoietic progenitor cell proliferation. GRO-beta(5-73) shows a highly





**ELK Biotechnology**

enhanced hematopoietic activity.,online  
information: CXCL2  
entry, pharmaceutical: GRO-beta(5-73) is available  
under the name Garnocestim as immunomodulator.  
It is used prior to hematopoietic transplantation for  
peripheral blood stem cell mobilization and  
reduction of incidence, duration, and/or severity of  
chemotherapy induced cytopenias.,PTM: The  
N-terminal processed form GRO-beta(5-73) is  
produced by proteolytic cleavage after secretion  
from bone marrow stromal cells.,similarity: Belongs  
to the intercrine alpha (chemokine Cx) family.,



+86-27-59760950

[ELKbio@ELKbiotech.com](mailto:ELKbio@ELKbiotech.com)

[www.elkbiotech.com](http://www.elkbiotech.com)

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C