



# CXCL2 mouse mAb

<b>Catalog No</b>	YP-mAb-17231
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB; ELISA
<b>Gene Name</b>	CXCL2 GRO2 GROB MIP2A SCYB2
<b>Protein Name</b>	GRO $\beta$
<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>Source</b>	Monoclonal, mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:1000-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	$\geq$ 90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</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>Observed Band</b>	12kD
<b>Cell Pathway</b>	Secreted.
<b>Tissue Specificity</b>	
<b>Function</b>	chemotaxis, defense response, inflammatory response, immune response, cell surface receptor linked signal transduction, G-protein coupled receptor protein signaling pathway, behavior, locomotory behavior, response to wounding, taxis,
<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 enhanced hematopoietic activity.,online information:CXCL2 entry,pharmaceutical:GRO-beta(5-73) is available under the name Ganocestim 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 CxC) family.,

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**