



CXCL2 mouse mAb

Catalog No	YP-mAb-17231
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB; ELISA
Gene Name	CXCL2 GRO2 GROB MIP2A SCYB2
Immunogen	Synthesized peptide derived from human GROβ AA range: 58-107
Specificity	This antibody detects endogenous levels of Human GROβ
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C X C motif chemokine 2;CINC 2a;CXCL2;Gro beta;GRO beta T;GRO2;GROb; Growth regulated protein beta;HSF;MGSA b;MIP 2a;MIP2;MIP2 alpha;MIP2A; SB 251353;SCYB2;GROβ;CXCL2 GRO2 GROB MIP2A SCYB2;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;SB-251353)]
Observed Band	11 kDa
Calculated Molecular Weight	107 aa, 11 kDa
Cell Pathway	Secreted.
Tissue Specificity	
Function	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,
Background	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.,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 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

