

CXCL2 rabbit pAb

Catalog No :	YT7842
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	GRO β
Fields :	>>Cytokine-cytokine receptor interaction;>>Viral protein interaction with cytokine and cytokine receptor;>>Chemokine signaling pathway;>>NF-kappa B signaling pathway;>>NOD-like receptor signaling pathway;>>IL-17 signaling pathway;>>TNF signaling pathway;>>Alcoholic liver disease;>>Epithelial cell signaling in Helicobacter pylori infection;>>Legionellosis;>>Amoebiasis;>>Kaposi sarcoma-associated herpesvirus infection;>>Rheumatoid arthritis;>>Lipid and atherosclerosis
Gene Name :	CXCL2 GRO2 GROB MIP2A SCYB2
Protein Name :	GRO β
Human Gene Id :	2920
Human Swiss Prot No :	P19875
Mouse Gene Id :	20310
Mouse Swiss Prot No :	P10889
Rat Gene Id :	114105
Rat Swiss Prot No :	P30348
Immunogen :	Synthesized peptide derived from human GRO β AA range: 58-107
Specificity :	This antibody detects endogenous levels of Human GRO β
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	12kD
Background :	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 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.,
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,
Subcellular Location :	Secreted.

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