



Anti-CXCL1 polyclonal antibody (CPBT-65100RM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview Rabbit anti Mouse CXCL1 antibody recognizes mouse CXCL1 also known as GRO1 and KC, a 7.8kDa chemokine involved in neutrophil chemotaxis and activation, and expressed in a range of cells including monocytes, macrophages and vascular endothelial cells. ELISA may be used in an indirect ELISA or as the capture reagent in a sandwich ELISA with B as the detection antibody and PMP66 as the standard. Western Blotting may be used under either reducing or non-reducing western blotting conditions.

Specificity	CXCL1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Conjugate	Unconjugated
Applications	ELISA; WB
Format	Purified IgG - lyophilised
Size	100 µg
Preservative	None
Storage	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Cxcl1 chemokine (C-X-C motif) ligand 1 [Mus musculus (house mouse)]
Official Symbol	CXCL1
Synonyms	CXCL1; chemokine (C-X-C motif) ligand 1; KC; Fsp; N51; gro; Gro1; Mgsa; Scyb1; growth-regulated alpha protein; C-X-C motif chemokine 1; GRO1 oncogene; KC/GR)-alpha; KC/GRO-alpha; alpha-chemokine; platelet-derived growth factor-inducible protein KC; secret
Entrez Gene ID	14825
Protein Refseq	NP_032202
UniProt ID	P12850
Chromosome Location	5 44.78 cM; 5 E-F
Pathway	Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response (BioCarta); Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Disease; G alpha (i) signalling events;
Function	CXCR chemokine receptor binding; chemokine activity; cytokine activity; growth factor activity;