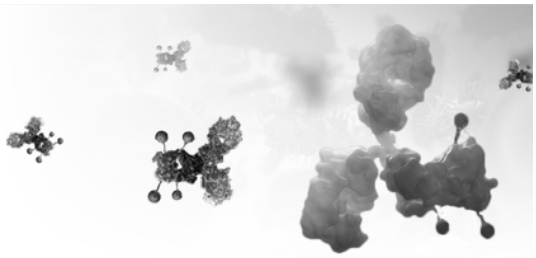

Anti-CXCL1 (aa 36-107) polyclonal antibody (DPAB-DC1477)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the CXC subfamily of chemokines. The encoded protein is a secreted growth factor that signal through the G-protein coupled receptor, CXC receptor 2. This protein plays a role in inflammation and as a chemoattractant for neutrophils. Aberrant expression this protein is associated with the growth and progression of certain tumors. A naturally occurring processed form of this protein has increased chemotactic activity. Alternate splicing results in coding and non-coding variants of this gene. A pseudogene of this gene is found on chromosome 4.
Immunogen	CXCL1 (AAH11976, 36 a.a. ~ 107 a.a) partial recombinant protein with GST tag. The sequence is SVATELRCQCLQTLQGIHPKNIQSVNVKSPGPHCAQTEVIATLKNGRKACLNPASPIVKK IIEKMLNSDKSN
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	CXCL1 chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha) [Homo sapiens (human)]
Official Symbol	CXCL1
Synonyms	CXCL1; chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha); FSP; GRO1; GROa; MGSA; NAP-3; SCYB1; MGSA-a; growth-regulated alpha protein; MGSA alpha; GRO-alpha(1-73); C-X-C motif chemokine 1; fibroblast secretory protein; neutrophil-activating protein 3; melanoma growth stimulatory activity alpha; GRO1 oncogene (melanoma growth-stimulating activity); GRO1 oncogene (melanoma growth stimulating activity, alpha);
Entrez Gene ID	2919
Protein Refseq	NP_001502
UniProt ID	P09341
Chromosome Location	4q21
Pathway	Amoebiasis; Chemokine receptors bind chemokines; Chemokine signaling pathway; Cytokine-cytokine receptor interaction
Function	chemokine activity; enzyme activator activity; growth factor activity; receptor binding

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