

CXCL1/GRO α Monoclonal Antibody(Capture)

catalog number: AN001880P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

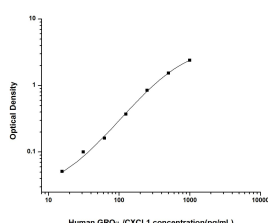
Description

Reactivity	Human
Immunogen	Recombinant Human CXCL1/GRO α protein expressed by E.coli
Host	Rat
Isotype	Rat IgG1
Clone	4G12
Purification	Protein A/G Purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications Recommended Dilution

ELISA Capture	2-8 μ g/mL
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Data



Sandwich ELISA-Recombinant Human CXCL1/GRO α protein standard curve. Background subtracted standard curve using CXCL1/GRO α antibody(AN001880P) (Capture), CXCL1/GRO α antibody(AN001890P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human CXCL1/GRO α protein is 15.63-1000 pg/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

CXCL1 (C-X-C Motif Chemokine Ligand 1) is a Protein Coding gene. Diseases associated with CXCL1 include Melanoma and Bacterial Meningitis. Among its related pathways are Peptide ligand-binding receptors and Chemokine Superfamily Pathway: Human/Mouse Ligand-Receptor Interactions. GO annotations related to this gene include receptor binding and chemokine activity. An important paralog of this gene is CXCL2. This antimicrobial gene encodes a member of the CXC subfamily of chemokines. The encoded protein is a secreted growth factor that signals through the G-protein coupled receptor, CXC receptor 2. This protein plays a role in inflammation and as a chemoattractant for neutrophils. Aberrant expression of 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.

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