

A Reliable Research Partner in Life Science and Medicine

CXCL1/GROα Monoclonal Antibody(Capture)

catalog number: AN001880P

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

Description

Reactivity Human

Immunogen Recombinant Human CXCL1/GROα protein expressed by E.coli

Host Rat
Isotype Rat IgG1
Clone 4G12

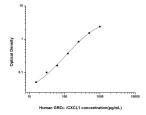
Purification Protein A/G Purification

Buffer Phosphate buffered solution, pH 7.2, containing 0.05% Proclin300.

Applications Recommended Dilution

ELISA Capture 2-8 μg/mL

Data



Sandwich ELISA-Recombinant Human CXCL1/GROα

protein standard curve. Background subtracted standard curve

using CXCL1/GROa antibody(AN001880P)

(Capture),CXCL1/GROα antibody(AN001890P)(Detector) in sandwich ELISA.The reference range value for Recombinant

Human CXCL1/GROα protein is 15.63-1000 pg/mL.

Preparation & Storage

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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