

# CXCL1/KC Monoclonal Antibody(Detector)

catalog number: AN002300P

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

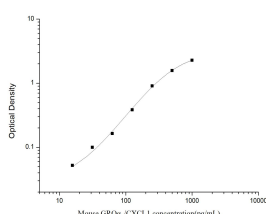
## Description

|                     |                                                                    |
|---------------------|--------------------------------------------------------------------|
| <b>Reactivity</b>   | Mouse                                                              |
| <b>Immunogen</b>    | Recombinant Mouse CXCL1/KC protein expressed by E.coli             |
| <b>Host</b>         | Rat                                                                |
| <b>Isotype</b>      | Rat IgG1                                                           |
| <b>Clone</b>        | 6D10                                                               |
| <b>Purification</b> | Protein A/G Purification                                           |
| <b>Conjugation</b>  | Unconjugated                                                       |
| <b>buffer</b>       | Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300. |

## Applications

|                       |               |
|-----------------------|---------------|
| <b>ELISA Detector</b> | 0.1-0.4 µg/mL |
|-----------------------|---------------|

## Data



Sandwich ELISA-Recombinant Mouse CXCL1/KC protein standard curve. Background subtracted standard curve using CXCL1/KC antibody(AN002290P)(Capture), CXCL1/KC antibody(AN002300P)(Detector) in sandwich ELISA. The reference range value for Recombinant Mouse CXCL1/KC protein is 15.63-1000 pg/mL.

## Preparation & Storage

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

## Background

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.

## For Research Use Only