

## CXCL1 Antibody

Catalog No: #33054

Package Size: #33054-1 50ul #33054-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

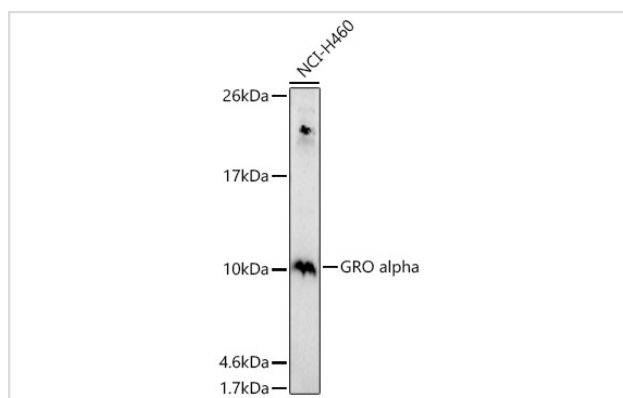
|                       |                                                               |
|-----------------------|---------------------------------------------------------------|
| Product Name          | CXCL1 Antibody                                                |
| Host Species          | Rabbit                                                        |
| Clonality             | Polyclonal                                                    |
| Isotype               | IgG                                                           |
| Purification          | Affinity purification                                         |
| Applications          | WB,IF                                                         |
| Species Reactivity    | Human;Rat                                                     |
| Specificity           | The antibody detects endogenous level of total CXCL1 protein. |
| Immunogen Type        | Recombinant Protein                                           |
| Immunogen Description | Recombinant fusion protein of human GRO alpha (NP_001502.1).  |
| Conjugates            | Unconjugated                                                  |
| Target Name           | CXCL1                                                         |
| Other Names           | CXCL1;FSP;GRO1;GROa;MGSA;MGSA-a;NAP-3;SCYB1;GRO alpha         |
| Accession No.         | Uniprot:P09341GeneID:2919                                     |
| SDS-PAGE MW           | 11KDa                                                         |
| Concentration         | 1.0mg/ml                                                      |
| Formulation           | PBS with 0.02% sodium azide,50% glycerol,pH7.3.               |
| Storage               | Store at -20°C. Avoid freeze / thaw cycles.                   |

## Application Details

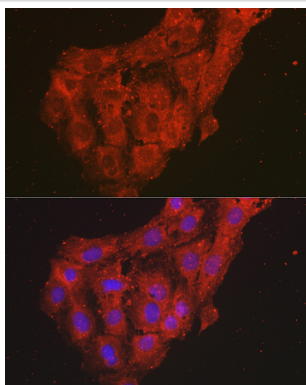
WB 1:500 - 1:2000

IF 1:50 - 1:200

## Images



Western blot analysis of extracts of NCI-H460 cells, using GRO alpha antibody.



Immunofluorescence analysis of C6 cells using GRO alpha Rabbit pAb.

## 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.

## Published Papers

el at., Diagnosis and prognostic value of C-X-C motif chemokine ligand 1 in colon adenocarcinoma based on The Cancer Genome Atlas and Guangxi cohort. In J Cancer on 2021 by Yi-Zhen Gong, Hui Ma,et al..PMID:34405013, , (2021)

[PMID:34405013](#)

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.