

For Research Use Only

Anti-Mouse CXCL1 Rabbit Recombinant Antibody

Catalog Number: 98047-1-RR



Basic Information

| | | |
|--------------------------------------|---|---|
| Catalog Number: 98047-1-RR | GenBank Accession Number: NM_008176 | Purification Method: Protein A purification |
| Size: 100ug, 1000 ug/ml | GeneID (NCBI): 14825 | CloneNo.: 240268D2 |
| Source: Rabbit | UNIPROT ID: P12850-1 | |
| Isotype: IgG | Full Name: chemokine (C-X-C motif) ligand 1 | |
| | Calculated MW: 10kd | |

Applications

Tested Applications:
FC (Intra)

Species Specificity:
mouse

Background Information

CXCL1 is a member of CXC family and also known as keratinocyte-derived chemokines (KC) or growth-related oncogene (GRO). CXCL1 is expressed by macrophages, neutrophils and epithelial cells. CXCL1 binding specifically to the CXC chemokine receptor CXCR2, is involved in fibrogenesis and angiogenesis. This protein also plays a role in inflammation and as a chemoattractant for neutrophils. CXCL1 is upregulated in some types of human cancer, including colorectal, bladder, breast, prostate and skin cancers.

Storage

Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:

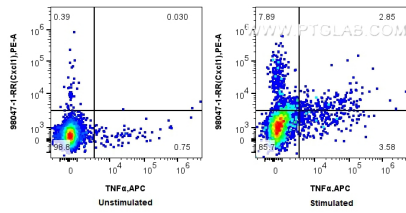
T: 4006900926

E: Proteintech-CN@ptglab.com

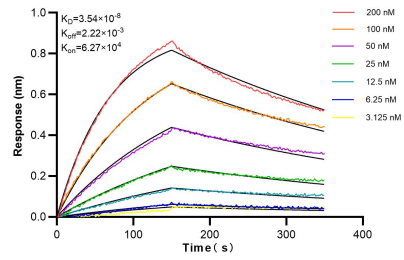
W: ptgcn.com

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Selected Validation Data



1x10⁶ untreated or LPS and Brefeldin A treated mouse splenocytes were intracellularly stained with 0.125 ug Anti-Mouse CXCL1 Rabbit Recombinant Antibody. Cells were then stained with APC Anti-Mouse TNF α . Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 98047-1-RR against Mouse CXCL1 were performed. The affinity constant is 35.4 nM.