

For Research Use Only

Anti-Mouse CXCL2 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98259-1-PBS



Basic Information

Catalog Number:

98259-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_009140

GeneID (NCBI):

20310

UNIPROT ID:

P10889

Full Name:

chemokine (C-X-C motif) ligand 2

Calculated MW:

11 kDa

Purification Method:

Protein A purification

CloneNo.:

242007G5

Applications

Tested Applications:

FC (Intra)

Species Specificity:

mouse

Background Information

CXCL2 is a member of the CXC subfamily, which encodes secreted proteins involved in immunoregulatory and inflammatory processes. CXCL2 is expressed at sites of inflammation and may suppress hematopoietic progenitor cell proliferation. CXCL2 plays a critical role in maintaining cancer-induced macrophage infiltration and the resulting mechanical hypersensitivity and persistent spontaneous nociception (PMID: 36754246).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

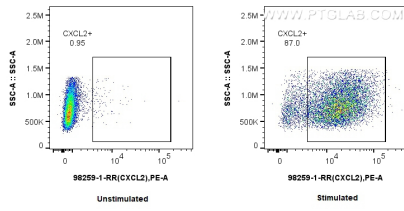
T: 4006900926

E: Proteintech-CN@ptglab.com

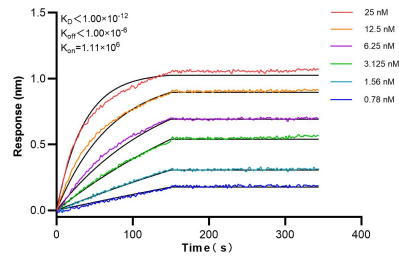
W: ptgcn.com

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Selected Validation Data



1x10⁶ untreated or LPS and Brefeldin A treated RAW 264.7 cells were intracellularly stained with 0.25 ug Anti-Mouse CXCL2 Rabbit Recombinant Antibody (98259-1-RR, Clone: 242007G5) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 98259-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98259-1-RR against Mouse CXCL2 were performed. The affinity constant is below 1 pM.