

Anti-CXCL3 Picoband Antibody
Catalog # ABO12626**Specification****Anti-CXCL3 Picoband Antibody - Product Information**

Application	WB
Primary Accession	O6W5C0
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for C-X-C motif chemokine 3(CXCL3) detection. Tested with WB, ELISA in Mouse.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-CXCL3 Picoband Antibody - Additional Information

Gene ID 330122

Other Names

C-X-C motif chemokine 3, Dendritic cell inflammatory protein 1, Cxcl3
{ECO:0000312|MGI:MGI:3037818}

Calculated MW

10686 MW KDa

Application Details

ELISA , 0.1-0.5 µg/ml, Mouse, -
Western blot, 0.1-0.5 µg/ml, Mouse

Subcellular Localization

Secreted .

Protein Name

C-X-C motif chemokine 3

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

E. coli-derived mouse GRO gamma recombinant protein (Position: S32-S100). Mouse GRO gamma shares 60.6% and 90.6% amino acid (aa) sequence identity with human and rat GRO gamma, respectively.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-CXCL3 Picoband Antibody - Protein Information

Name Cxcl3 {ECO:0000312|MGI:MGI:3037818}

Function

Ligand for CXCR2. Has chemotactic activity for neutrophils. May play a role in inflammation and exert its effects on endothelial cells in an autocrine fashion.

Cellular Location

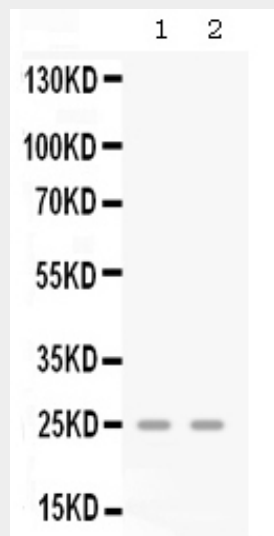
Secreted {ECO:0000250|UniProtKB:Q10746}.

Anti-CXCL3 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CXCL3 Picoband Antibody - Images



Western blot analysis of GRO gamma expression in mouse lung extract (lane 1) and mouse

spleen extract (lane 2). GRO gamma at 25KD was detected using rabbit anti- GRO gamma Antigen Affinity purified polyclonal antibody (Catalog # ABO12626) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method .

Anti-CXCL3 Picoband Antibody - Background

Chemokine (C-X-C motif) ligand 3 (CXCL3), also known as GRO protein gamma (GROγ) and macrophage inflammatory protein-2-beta (MIP2b), is a small cytokine belonging to the CXC chemokine family. It is mapped to 14p2. CXCL3 controls migration and adhesion of monocytes and mediates its effects on its target cell by interacting with a cell surface chemokine receptor. It has been shown that CXCL3 regulates cell autonomously the migration of the precursors of cerebellar granule neurons toward the internal layers of cerebellum, during the morphogenesis of cerebellum. CXCL3 also play fundamental roles in the development, homeostasis and it has effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis.