

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

---

**Anti-CXCL3 Picoband Antibody - Product Information**

Application	WB, E
Primary Accession	<a href="#">Q6W5C0</a>
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, -<br>Western blot, 0.1-0.5 µg/ml, Mouse<br>

**Subcellular Localization**

Secreted .

**Protein Name**

C-X-C motif chemokine 3

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg NaN<sub>3</sub>.

**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.

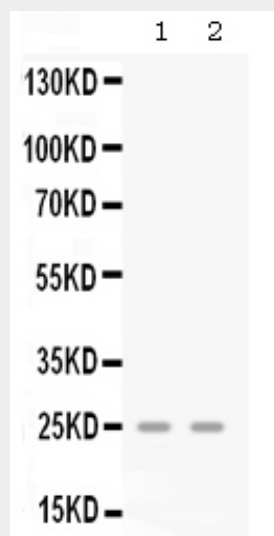
**Cellular Location**

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.