

**Anti-CXCL9 Antibody**  
**Catalog # ABO12380****Specification**

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**Anti-CXCL9 Antibody - Product Information**

Application	WB, E
Primary Accession	<a href="#">Q07325</a>
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for C-X-C motif chemokine 9(CXCL9) detection. Tested with WB, ELISA in Human.

**Reconstitution**

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

**Anti-CXCL9 Antibody - Additional Information**

**Gene ID** 4283

**Other Names**

C-X-C motif chemokine 9, Gamma-interferon-induced monokine, Monokine induced by interferon-gamma, HuMIG, MIG, Small-inducible cytokine B9, CXCL9, CMK, MIG, SCYB9

**Calculated MW**

14019 MW KDa

**Application Details**

ELISA , 0.1-0.5 µg/ml, Human, -<br>Western blot, 0.1-0.5 µg/ml, Human<br>

**Subcellular Localization**

Secreted.

**Protein Name**

C-X-C motif chemokine 9

**Contents**

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

**Immunogen**

E. coli-derived human CXCL9 recombinant protein (Position: T23-T125). Human CXCL9 shares 68.2% amino acid (aa) sequence identity with mouse CXCL9.

**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-CXCL9 Antibody - Protein Information

**Name** CXCL9

**Synonyms** CMK, MIG, SCYB9

### Function

Cytokine that affects the growth, movement, or activation state of cells that participate in immune and inflammatory response. Chemotactic for activated T-cells. Binds to CXCR3.

### Cellular Location

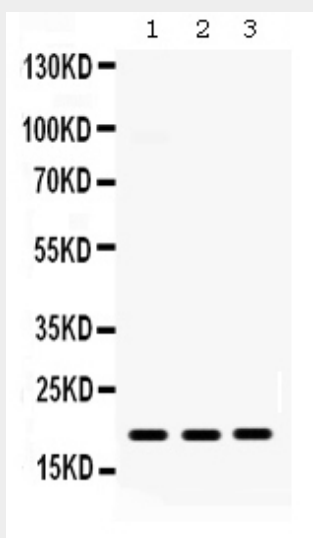
Secreted.

## Anti-CXCL9 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-CXCL9 Antibody - Images



Anti- CXCL9 Picoband antibody, ABO12380, Western blottingAll lanes: Anti CXCL9 (ABO12380) at 0.5ug/mlLane 1: Human Placenta Tissue Lysate at 50ugLane 2: A431 Whole Cell Lysate at 40ugLane 3: HELA Whole Cell Lysate at 40ugPredicted bind size: 14KDObserved bind size: 19KD

#### **Anti-CXCL9 Antibody - Background**

MIG, also known as CXCL9, is a T-cell chemoattractant inducible by gamma interferon that is a member of the CXC chemokine family of cytokines. This gene is mapped to 4q21. It is noted that, although the best-described activities of the chemokines are as chemotactic factors, chemokines also have an effect on T-cell activation, angiogenesis, and HIV infection. While most CXC chemokines are chemotactic for neutrophils, MIG and INP10 are unusual and similar in being CXC chemokines that are chemotactic for lymphocytes and inactive in neutrophils.