

Anti-CXCL9 Antibody
Catalog # ABO10751**Specification**

Anti-CXCL9 Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q07325
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, IHC-P 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

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat

Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization

Secreted.

Protein Name

C-X-C motif chemokine 9

Contents

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

Immunogen

A synthetic peptide corresponding to a sequence at the N-terminus of human CXCL9 (37-51aa NQGTIHLQSLKDLKQ).

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.

Sequence Similarities

Belongs to the intercrine alpha (chemokine CxC) family.

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.

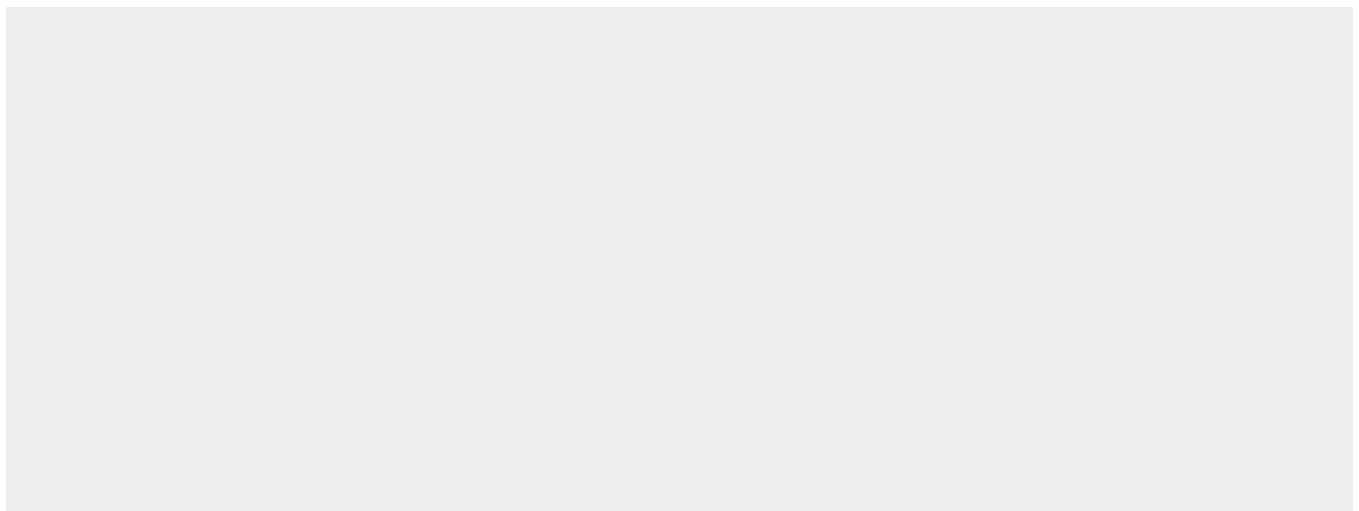
Cellular Location

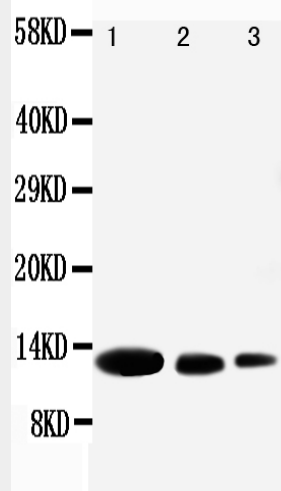
Secreted.

Anti-CXCL9 Antibody - Protocols

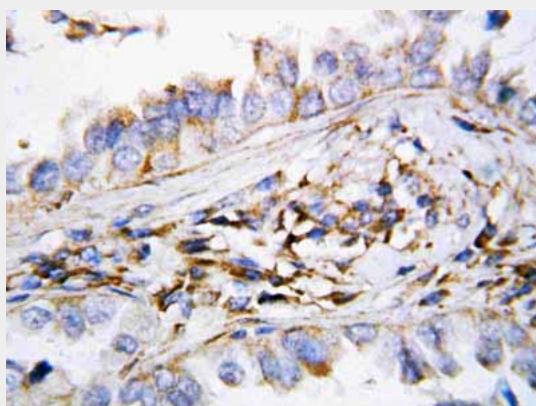
Provided below are standard protocols that you may find useful for product applications.

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

Anti-CXCL9 Antibody - Images



Anti-CXCL9 antibody, ABO10751, Western blotting
Lane 1: Recombinant Human CXCL9 Protein 10ng
Lane 2: Recombinant Human CXCL9 Protein 5ng
Lane 3: Recombinant Human CXCL9 Protein 2.5ng



Anti-CXCL9 antibody, ABO10751, IHC(P)
IHC(P): Human Lung Cancer Tissue

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.