

Anti-CXCL9 Antibody

Catalog # ABO10751

Specification

Anti-CXCL9 Antibody - Product Information

ApplicationWB, IHC-PPrimary AccessionQ07325HostRabbitReactivityHumanClonalityPolyclonalFormatLyophilizedDescriptionRabbit 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 r°Constitution, 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 Cytomety
- <u>Cell Culture</u>

Anti-CXCL9 Antibody - Images





Anti-CXCL9 antibody, ABO10751, Western blottingLane 1: Recombinant Human CXCL9 Protein 10ngLane 2: Recombinant Human CXCL9 Protein 5ngLane 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.