

Anti-MIG/CXCL9 Antibody

Catalog Number: PA1429

About CXCL9

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.

Overview

Product Name	Anti-MIG/CXCL9 Antibody
Reactive Species	Human
Description	Boster Bio Anti-MIG/CXCL9 Antibody catalog # PA1429. Tested in IHC, WB applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q07325

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human CXCL9.
Predicted Reactive Species	Monkey, Rabbit
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

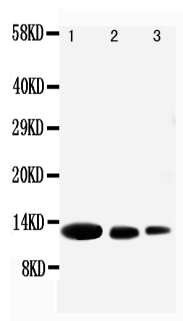
If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

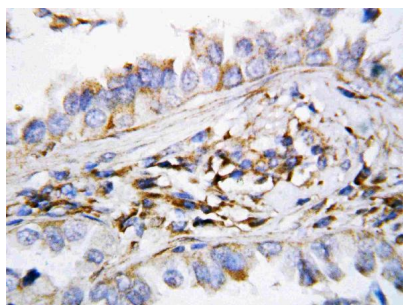
Boster Bio's internal QC testing used:

Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human, By Heat
Western blot, 0.1-0.5ug/ml, Human

Anti-MIG/CXCL9 Antibody (PA1429) Images



Anti-CXCL9 antibody, PA1429, 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, PA1429, IHC(P)
IHC(P): Human Lung Cancer Tissue

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