BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-MIG/CXCL9 Antibody Picoband®

Catalog Number: PB9694

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.

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Overview

Product Name	Anti-MIG/CXCL9 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-MIG/CXCL9 Antibody Picoband® catalog # PB9694. Tested in ELISA, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na2HPO4.
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

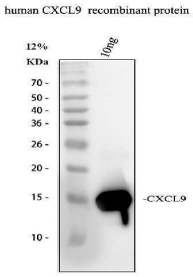
Immunogen	E. coli-derived human CXCL9 recombinant protein (Position: T23-T125). Human CXCL9 shares 68.2% amino acid (aa) sequence identity with mouse CXCL9.
Recommended Detection Systems	Boster recommends ECL Plus Western Blotting Substrate (Catalog # AR1196-200) for Western

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	blot.
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	ELISA, 0.1-0.5ug/ml, - Western blot, 0.1-0.5ug/ml, Human

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Anti-MIG/CXCL9 Antibody Picoband® (PB9694) Images



Western blot analysis of MIG/CXCL9 using anti-MIG/CXCL9 antibody (PB9694). Electrophoresis was performed on a 12% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. Lane 1: recombinant human MIG/CXCL9 protein 10 ng. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-MIG/CXCL9 antigen affinity purified polyclonal antibody (PB9694) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054) at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for MIG/CXCL9 at approximately 14 kDa.

Anti-MIG/CXCL9 Antibody

For Research Use Only. Not for use in diagnostic procedures.