

Datasheet for ABIN3042690
anti-CXCL9 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µg
Target:	CXCL9
Binding Specificity:	AA 37-51, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCL9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for C-X-C motif chemokine 9(CXCL9) detection. Tested with WB, IHC-P in Human.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human CXCL9 (37-51aa NQGTIHLQSLKDLKQ).
Sequence:	NQGTIHLQSL KDLKQ
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for C-X-C motif chemokine 9(CXCL9) detection. Tested with WB, IHC-P in Human. Gene Name: chemokine(C-X-C motif) ligand 9 Protein Name: C-X-C motif chemokine 9

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: CXCL9

Alternative Name: CXCL9 ([CXCL9 Products](#))

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.

Synonyms: C-X-C motif chemokine 9 antibody|chemokine(C-X-C motif) ligand 9 antibody|CMK antibody|crg-10 antibody|CXCL9 antibody|CXCL9_HUMAN antibody|Gamma-interferon-induced monokine antibody|Humig antibody|MIG antibody|monokine induced by gamma interferon antibody|Monokine induced by interferon-gamma antibody|SCYB9 antibody|Small inducible cytokine B9 antibody|small inducible cytokine subfamily B member 9 antibody|Small-inducible cytokine B9 antibody

UniProt: [Q07325](#)

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested.
Optimal dilutions should be determined by end users.

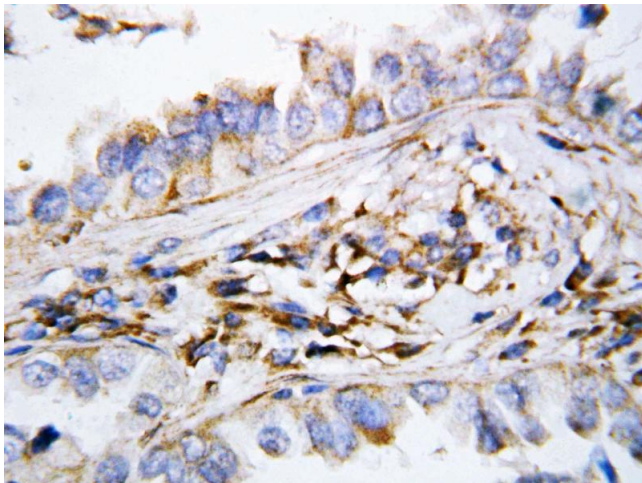
Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

Restrictions: For Research Use only

Handling

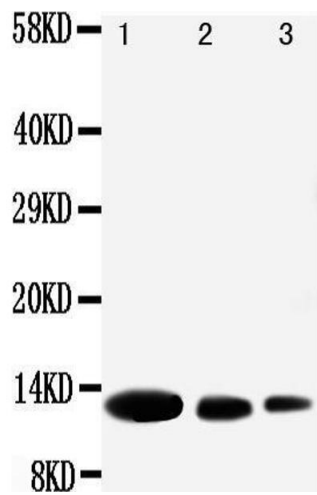
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	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.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Anti-MIG antibody, IHC(P) IHC(P): Human Lung Cancer Tissue



Western Blotting

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