

Datasheet: AHP2369B

BATCH NUMBER 164734

Description:	RABBIT ANTI BOVINE CXCL9:Biotin
Specificity:	CXCL9
Other names:	MIG
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.01 ug/ml - 0.2 ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 ug/ml - 1.0 ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Bovine
Product Form	Purified IgG conjugated to Biotin - liquid
Antiserum Preparation	Antiserum to bovine CXCL9 was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein	Total protein concentration 1.0 mg/ml

Concentrations

Immunogen Recombinant bovine CXCL9

External Database Links

UniProt:

[A9QWP9](#) [Related reagents](#)

Entrez Gene:

[513990](#) CXCL9 [Related reagents](#)

Specificity

Rabbit anti Bovine CXCL9 polyclonal antibody recognizes bovine CXCL9, otherwise known as MIG (monokine induced by Interferon-gamma). CXCL9 is a member of the C-X-C family of chemokine receptors, secreted by interferony stimulated monocytes, macrophages ([Muller et al. 2010](#)) and endothelial cells ([Loos et al. 2006](#)).

CXCL9 acts as a Th1 (type 1 helper T) cell chemoattractant, and plays a role in the growth, activation and movement of cells associated with, and in, tumor growth inhibition and angiogenesis ([Whiting et al. 2004](#)).

ELISA

This product may be used as a detection reagent in a sandwich ELISA together with [AHP2369](#) as the capture reagent. Recombinant bovine CXCL9 ([PBP023](#)) may be used as a standard.

Further Reading

1. Müller, M. *et al.* (2010) Review: The chemokine receptor CXCR3 and its ligands CXCL9, CXCL10 and CXCL11 in neuroimmunity--a tale of conflict and conundrum. [Neuropathol Appl Neurobiol. 36: 368-87.](#)
 2. Whiting, D. *et al.* (2004) Chemokine monokine induced by IFN-gamma/CXC chemokine ligand 9 stimulates T lymphocyte proliferation and effector cytokine production. [J Immunol. 172: 7417-24.](#)
 3. Loos, T. *et al.* (2006) TLR ligands and cytokines induce CXCR3 ligands in endothelial cells: enhanced CXCL9 in autoimmune arthritis. [Lab Invest. 86: 902-16.](#)
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Storage

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/AHP2369B>
10040

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

[RECOMBINANT BOVINE CXCL9 \(PBP023\)](#)
[RABBIT ANTI BOVINE CXCL9 \(AHP2369\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M334157:181127'

Printed on 18 Jan 2024

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