

## Datasheet: AHP2369B

<b>Description:</b>	RABBIT ANTI BOVINE CXCL9:Biotin
<b>Specificity:</b>	CXCL9
<b>Other names:</b>	MIG
<b>Format:</b>	Biotin
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Bovine
<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid
<b>Antiserum Preparation</b>	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.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	Total protein concentration 1.0 mg/ml

<b>Immunogen</b>	Recombinant bovine CXCL9
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">A9QWP9</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">513990</a>    CXCL9    <a href="#">Related reagents</a></p>
<b>Specificity</b>	<p><b>Rabbit anti Bovine CXCL9 polyclonal antibody</b> 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 interferon stimulated monocytes, macrophages (<a href="#">Muller et al. 2010</a>) and endothelial cells (<a href="#">Loos et al. 2006</a>).</p> <p>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 (<a href="#">Whiting et al. 2004</a>).</p>
<b>ELISA</b>	This product may be used as a detection reagent in a sandwich ELISA together with <a href="#">AHP2369</a> as the capture reagent. Recombinant bovine CXCL9 ( <a href="#">PBP023</a> ) may be used as a standard.
<b>Further Reading</b>	<ol style="list-style-type: none"> <li>1. Müller, M. <i>et al.</i> (2010) Review: The chemokine receptor CXCR3 and its ligands CXCL9, CXCL10 and CXCL11 in neuroimmunity--a tale of conflict and conundrum. <a href="#">Neuropathol Appl Neurobiol. 36: 368-87.</a></li> <li>2. Whiting, D. <i>et al.</i> (2004) Chemokine monokine induced by IFN-gamma/CXC chemokine ligand 9 stimulates T lymphocyte proliferation and effector cytokine production. <a href="#">J Immunol. 172: 7417-24.</a></li> <li>3. Loos, T. <i>et al.</i> (2006) TLR ligands and cytokines induce CXCR3 ligands in endothelial cells: enhanced CXCL9 in autoimmune arthritis. <a href="#">Lab Invest. 86: 902-16.</a></li> </ol>
<b>Storage</b>	<p>This product is shipped at ambient temperature.</p> <p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2369B">https://www.bio-rad-antibodies.com/SDS/AHP2369B</a></p> <p>10040</p>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Useful Reagents

[RECOMBINANT BOVINE CXCL9 \(PBP023\)](#)

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

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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](https://bio-rad-antibodies.com/datasheets)

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**Printed on 23 May 2025**

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