

## Datasheet: AHP2387B

<b>Description:</b>	GOAT ANTI PIG 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	▪			0.01ug/ml - 0.2ug/ml
Immunoprecipitation			▪	
Western Blotting			▪	

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>	Pig
<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid
<b>Antiserum Preparation</b>	Antisera to pig CXCL9 were 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>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Recombinant pig CXCL9
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">B0FYK2</a> <a href="#">Related reagents</a>

<b>Specificity</b>	<p><b>Goat anti Pig CXCL9 antibody</b> recognizes pig 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 <math>\gamma</math> stimulated monocytes, macrophages (<a href="#">Müller 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 tumor growth inhibition and angiogenesis (<a href="#">Whiting et al. 2004</a>).</p>
<b>ELISA</b>	This product may be used as a detection antibody in a sandwich ELISA together with <a href="#">AHP2387</a> as the capture reagent. Recombinant Pig CXCL9 ( <a href="#">PPP019</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 (9): 902-16.</a></li> </ol>
<b>Storage</b>	<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>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

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