

Datasheet: AHP2387

BATCH NUMBER 136881

Description:	GOAT ANTI PIG CXCL9
Specificity:	CXCL9
Other names:	MIG
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

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	▪			0.5ug/ml - 5ug/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.

Target Species	Pig
Product Form	Purified IgG - liquid
Antiserum Preparation	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.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein	IgG concentration 1.0 mg/ml

Concentrations

Immunogen	Recombinant pig CXCL9
-----------	-----------------------

External Database Links

UniProt:

[B0FYK2](#)

[Related reagents](#)

Specificity

Goat anti Pig CXCL9 antibody 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 γ stimulated monocytes, macrophages ([Müller *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 tumor growth inhibition and angiogenesis ([Whiting *et al.* 2004](#)).

ELISA

This product may be used as a capture antibody in a sandwich ELISA together with [AHP2387B](#) as the detection reagent. Recombinant Pig CXCL9 ([PPP019](#)) 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 \(9\): 902-16.](#)

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/AHP238710040>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com 'M334190:181127'	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
----------------------------------	---	------------------	---	---------------	---

Printed on 12 Aug 2023

© 2023 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)