Datasheet: AHP2387B

Description:	GOAT ANTI PIG 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	▪			0.01ug/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.

Target Species	Pig
Product Form	Purified IgG conjugated to Biotin - 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 Concentrations	IgG concentration 1.0 mg/ml
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, M. *et al.* 2010) and endothelial cells (Loos, T. *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, D. *et al.* 2004).
ELISA	This product may be used as a detection antibody in a sandwich ELISA together with AHP2387 as the capture 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.
Shelf Life	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

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