

Datasheet: AHP865A

Description:	GOAT ANTI PIG IgG (H/L):Alk. Phos.
Specificity:	IgG (H/L)
Format:	Alk. Phos.
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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
ELISA	▪			1/1,000 - 1/10,000

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species	Pig
Product Form	Purified IgG conjugated to Alkaline Phosphatase - liquid
Antiserum Preparation	Antisera to porcine IgG were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	50mM HEPES, 0.1M NaCl, 1mM MgCl ₂ , 0.1mM ZnCl ₂
Preservative	0.09% Sodium Azide
Stabilisers	0.2% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
RRID	AB_999296

Specificity

Goat anti Pig IgG (H/L) antibody recognizes porcine IgG (heavy and light chains) and has been shown to react specifically with porcine IgG and with light chains common to other pig immunoglobulins, by immunoelectrophoresis and ELISA.

Goat anti Pig IgG (H/L) antibody may cross react with IgG from other species.

References

1. Tian, F. *et al.* (2010) Immune Events Associated with High Level Protection against *Schistosoma japonicum* Infection in Pigs Immunized with UV-Attenuated Cercariae. [PLoS One. 5\(10\): e13408.](#)
2. Lin, D. *et al.* (2011) Multiple vaccinations with UV- attenuated cercariae in pig enhance protective immunity against *Schistosoma japonicum* infection as compared to single vaccination. [Parasit Vectors. 4:103.](#)
3. Olasz, F. *et al.* (2016) Immunological and biochemical characterisation of 7ap, a short protein translated from an alternative frame of ORF7 of PRRSV. [Acta Vet Hung. 64 \(2\): 273-87.](#)
4. Rungelrath, V. *et al.* (2018) IgM cleavage by *Streptococcus suis*. reduces IgM bound to the bacterial surface and is a novel complement evasion mechanism. [Virulence. 9 \(1\): 1314-1337.](#)
5. Grześkowiak, Ł. *et al.* (2022) *Clostridioides difficile*-mesocolonic oedema in neonatal suckling piglets develops regardless of the fibre composition in sow's diets. [Animal. 17 \(2\): 100697.](#)

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 #10089 available at:
<https://www.bio-rad-antibodies.com/SDS/AHP865A>
10089

Regulatory

For research purposes only

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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://www.bio-rad-antibodies.com/datasheets)

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