

Datasheet: AHP865F

Description:	GOAT ANTI PIG IgG (H/L):FITC
Specificity:	IgG (H/L)
Format:	FITC
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
Flow Cytometry	▪			
Immunohistology - Frozen	▪			1/200 - 1/2000
Immunofluorescence			▪	

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 Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid						
Max Ex/Em	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>FITC</td> <td>490</td> <td>525</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	FITC	490	525
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FITC	490	525					

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	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	0.2% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

Specificity	<p>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.</p> <p>Goat anti Pig IgG (H/L) antibody may cross react with IgG from other species.</p>
References	<ol style="list-style-type: none"> 1. Tian, F. <i>et al.</i> (2010) Immune Events Associated with High Level Protection against <i>Schistosoma japonicum</i> Infection in Pigs Immunized with UV-Attenuated Cercariae. PLoS One. 5(10): e13408. 2. Lin, D. <i>et al.</i> (2011) Multiple vaccinations with UV- attenuated cercariae in pig enhance protective immunity against <i>Schistosoma japonicum</i> infection as compared to single vaccination. Parasit Vectors. 4:103. 3. Olasz, F. <i>et al.</i> (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. <i>et al.</i> (2018) IgM cleavage by <i>Streptococcus suis</i>. reduces IgM bound to the bacterial surface and is a novel complement evasion mechanism. Virulence. 9 (1): 1314-1337. 5. Grześkowiak, Ł. <i>et al.</i> (2022) <i>Clostridioides difficile</i>-mesocolonic oedema in neonatal suckling piglets develops regardless of the fibre composition in sow's diets. Animal. 17 (2): 100697.
Storage	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10041 available at: https://www.bio-rad-antibodies.com/SDS/AHP865F</p> <p>10041</p>
Regulatory	For research purposes only

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