

Datasheet: AAI41F

Description:	GOAT ANTI PIG IgG (Fc):FITC
Specificity:	IgG (Fc)
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	▪			1/20 - 1/100
Immunohistology - Frozen	▪			1/20 - 1/200
Immunohistology - Paraffin			▪	

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 the appropriate negative/positive controls.

Target Species	Pig		
Product Form	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525

Antiserum Preparation Antisera to porcine IgG were raised by repeated immunisation of goat with highly purified antigen. Purified IgG 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
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Immunogen	Purified porcine IgG.
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Specificity **Goat anti Pig IgG (Fc) antibody** recognizes the Fc region of the porcine IgG heavy chains and shows no cross - reactivity with other porcine immunoglobulin classes as evaluated by immunoelectrophoresis. Goat anti Pig IgG (Fc) has not been species cross adsorbed and may

react with the Fc region of IgG from other species.

Goat anti Pig IgG (Fc) antibody has been used extensively as a detection reagent for porcine IgG in ELISA, for example monitoring of the IgG response in influenza infected pigs ([Crisci et al. 2013](#)).

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15. Lee, J-A. *et al.* (2016) *Mycoplasma hyorhinis* is a potential pathogen of porcine respiratory disease complex that aggravates pneumonia caused by porcine reproductive and respiratory syndrome virus [Vet Immunol immunopathol. Jun 16 \[Epub ahead of print\]](#)
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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 #10041 available at: 10041: <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

RegulatoryFor research purposes only

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