

Datasheet: AHP947

**BATCH NUMBER 146454**

<b>Description:</b>	GOAT ANTI DOG IgG1
<b>Specificity:</b>	IgG1
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen	▪			1/200 - 1/2000
Immunohistology - Paraffin			▪	
ELISA	▪			1/100 - 1/10,000
Immunoprecipitation			▪	
Western Blotting	▪			1/1000 - 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

Dog

### Product Form

Purified IgG - liquid

### Antiserum Preparation

Antisera to canine IgG1 were raised by repeated immunisations of goats with highly purified antigen. Purified IgG prepared by affinity chromatography.

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.09% Sodium Azide

### Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

RRID

AB\_2249180

**Specificity**

**Goat anti Dog IgG1 polyclonal antibody** specifically recognises canine IgG1 by electrophoresis and ELISA. No cross reactivity was detected against other canine immunoglobulin classes, isolated immunoglobulin light chains or no immunoglobulin proteins.

Goat anti Dog IgG1 may cross react with IgG1 from other species.

**References**

1. Bird, R.C. *et al.* (2011) An autologous dendritic cell canine mammary tumor hybrid-cell fusion vaccine. [Cancer Immunol Immunother. 60 \(1\): 87-97.](#)
2. Agallou, M. *et al.* (2016) Identification of Immunoreactive Leishmania infantum Protein Antigens to Asymptomatic Dog Sera through Combined Immunoproteomics and Bioinformatics Analysis. [PLoS One. 11 \(2\): e0149894.](#)
3. Martínez Abad, L.P. *et al.* (2017) Diagnostic accuracy of rKLO8 versus rK26 ELISAs for screening of canine visceral leishmaniasis. [Acta Trop. 166: 133-8.](#)
4. Khantavee, N. *et al.* (2020) Antibody levels to *Malassezia pachydermatis*. and *Staphylococcus pseudintermedius*. in atopic dogs and their relationship with lesion scores. [Vet Dermatol. 31 \(2\): 111-115.](#)

**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/AHP947>  
10040

**Regulatory**

For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

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