

Datasheet: AHP947P

Description:	GOAT ANTI DOG IgG1:HRP
Specificity:	IgG1
Format:	HRP
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 - 1/500
Immunohistology - Paraffin			▪	
ELISA	▪			1/10,000 - 1/100,000
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 conjugated to Horseradish Peroxidase (HRP) - 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	0.05% ProClin 300
Stabilisers	0.2% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml.

RRID AB_2127045.

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.

Acknowledgements ProClin is a trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow.

Health And Safety Information Material Safety Datasheet documentation #20391 available at: <https://www.bio-rad-antibodies.com/SDS/AHP947P>
20391

Regulatory For research purposes only.

Related Products

Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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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
'M430968:240619'

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