

## Datasheet: AHP948P

<b>Description:</b>	SHEEP ANTI DOG IgG2:HRP
<b>Specificity:</b>	IgG2
<b>Format:</b>	HRP
<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 - 1/500
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.

<b>Target Species</b>	Dog
<b>Product Form</b>	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
<b>Antiserum Preparation</b>	Antisera to canine IgG2 were raised by repeated immunisations of sheep with highly purified antigen. Purified IgG prepared by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative</b>	0.05% ProClin 300
<b>Stabilisers</b>	0.2% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml

RRID AB\_567050

**Specificity** **Sheep anti Dog IgG2 polyclonal antibody** recognizes canine IgG2 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 IgG2 may cross react with IgG2 from other species.

**References**

1. 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.](#)
2. 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.](#)
3. 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.](#)
4. Karabowicz, J. *et al.* (2024) Analysis of the role of *Dirofilaria repens* macrophage migration inhibitory factors in host-parasite interactions. [J Vet Res. 68 \(3\): 381-388.](#)

**Further Reading**

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.](#)

**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/AHP948P>  
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+ \(BUF054A\)](#)

**North & South America** Tel: +1 800 265 7376  
Fax: +1 919 878 3751

**Worldwide** Tel: +44 (0)1865 852 700  
Fax: +44 (0)1865 852 739

**Europe** Tel: +49 (0) 89 8090 95 21  
Fax: +49 (0) 89 8090 95 50

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

'M432725:240912'

**Printed on 27 Sep 2024**

---