

## 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

**Antiserum Preparation** 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

**Specificity** **Sheep anti Dog IgG2 polyclonal antibody** specifically recognizes canine IgG2 by electrophoresis and ELISA. No cross reactivity was detected against other canine immunoglobulin classes, isolated immunoglobulin light chains or non immunoglobulin proteins.

Goat anti Dog IgG2 may cross react with IgG2 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.](#)

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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.

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## Shelf Life

12 months from date of despatch.

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## Acknowledgements

Proclin™ 300 is a trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow.

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## Health And Safety Information

Material Safety Datasheet documentation #20391 available at:  
20391: <https://www.bio-rad-antibodies.com/uploads/MSDS/20391.pdf>

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## Regulatory

For research purposes only

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## 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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