

Datasheet: AAI30P

Description:	GOAT ANTI DOG IgM:HRP
Specificity:	IgM
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
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/10,000 - 1/100,000
Western Blotting			▪	

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

External Database**Links****UniProt:**[P01874](#)[Related reagents](#)**RRID**

AB_2076335

Specificity

Goat anti Dog IgM polyclonal antibody recognizes canine IgM and shows no cross - reactivity with other canine immunoglobulin classes in immunoelectrophoresis and ELISA. Goat anti Dog IgM may cross react with IgM from other species.

References

1. Peters, I.R. *et al.* (2004) Measurement of immunoglobulin concentrations in the feces of healthy dogs. [Clin Diagn Lab Immunol. 11 \(5\): 841-8.](#)
2. Carli, E. *et al.* (2009) Detection of erythrocyte binding IgM and IgG by flow cytometry in sick dogs with Babesia canis canis or Babesia canis vogeli infection. [Vet Parasitol. 162: 51-7.](#)
3. Shin, N. *et al.* (2018) INCB040093 Is a Novel PI3K δ Inhibitor for the Treatment of B Cell Lymphoid Malignancies. [J Pharmacol Exp Ther. 364 \(1\): 120-30.](#)
4. Sfacteria, A. *et al.* (2021) Immune Cells and Immunoglobulin Expression in the Mammary Gland Tumors of Dog. [Animals \(Basel\). 11\(5\):1189.](#)
5. Wyszomłek, M.E. *et al.* (2022) Canine antibody response against *Dirofilaria repens*. in natural occult and microfilaremic infections [Comparative Immunology, Microbiology and Infectious Diseases. : 101818.](#)
6. Karabowicz, J. *et al.* (2024) Analysis of the role of *Dirofilaria repens* macrophage migration inhibitory factors in host-parasite interactions. [J Vet Res. 68 \(3\): 381-8.](#)

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

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Health And Safety Information

Material Safety Datasheet documentation #20391 available at: <https://www.bio-rad-antibodies.com/SDS/AAI30P>
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 Tel: +1 800 265 7376

Worldwide Tel: +44 (0)1865 852 700

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

America Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_us@bio-rad.com

Email: antibody_sales_uk@bio-rad.com

Email: antibody_sales_de@bio-rad.com

batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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