

Datasheet: AAI30AB

Description:	GOAT ANTI DOG IgM:Alk. Phos.
Specificity:	IgM
Format:	Alk. Phos.
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.5 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
ELISA	▪			1/1000 - 1/10000

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 Alkaline Phosphatase - 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	50mM HEPES, 0.1M NaCl, 1mM MgCl ₂ , 0.1mM ZnCl ₂
Preservative	0.09% Sodium Azide
Stabilisers	0.2% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5mg/ml
Immunogen	Purified canine IgM.

External Database Links

UniProt:

[P01874](https://www.uniprot.org/uniprot/P01874)

[Related reagents](#)

RRID	AB_10844345
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	<ol style="list-style-type: none"> Peters, I.R. <i>et al.</i> (2004) Measurement of immunoglobulin concentrations in the feces of healthy dogs. Clin Diagn Lab Immunol. 11 (5): 841-8. Carli, E. <i>et al.</i> (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. Shin, N. <i>et al.</i> (2018) INCB040093 Is a Novel PI3Kδ Inhibitor for the Treatment of B Cell Lymphoid Malignancies. J Pharmacol Exp Ther. 364 (1): 120-30. Sfacteria, A. <i>et al.</i> (2021) Immune Cells and Immunoglobulin Expression in the Mammary Gland Tumors of Dog. Animals (Basel). 11(5):1189. Wysmołek, M.E. <i>et al.</i> (2022) Canine antibody response against <i>Dirofilaria repens</i>. in natural occult and microfilaremic infections Comparative Immunology, Microbiology and Infectious Diseases. : 101818. Karabowicz, J. <i>et al.</i> (2024) Analysis of the role of <i>Dirofilaria repens</i> macrophage migration inhibitory factors in host-parasite interactions. J Vet Res. 68 (3): 381-8.
Storage	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10089 available at: https://www.bio-rad-antibodies.com/SDS/AAI30AB 10089
Regulatory	For research purposes only

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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](https://www.bio-rad-antibodies.com/datasheets)
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