Datasheet: AAI33AB

Description:	GOAT ANTI HORSE 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

Horse

Product Form

Purified IgG conjugated to Alkaline Phosphatase - liquid

Antiserum Preparation

Antisera to equine 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 Stabilisers

0.09% Sodium Azide
0.2% Bovine Serum Albumin

Approx. Protein Concentrations

IgG concentration 0.5mg/ml

Immunogen

Purified equine IgM.

Specificity

Goat anti horse IgM polyclonal antibody recognizes equine IgM.

No cross-reactivity with other equine immunoglobulin classes is seen in immunoelectrophoresis. This antibody may cross-react with IgM from other species.

References

1. Jacks, S. *et al.* (2007) Experimental infection of neonatal foals with Rhodococcus equi triggers adult-like gamma interferon induction. Clin Vaccine Immunol. 14: 669-77.
2. Ryan, C. and Giguère, S. (2010) Equine Neonates Have Attenuated Humoral and Cell-Mediated

Immune Responses to a Killed Adjuvanted Vaccine Compared to Adult Horses Clin Vaccine Immunol. 17: 1896-902.
3. Swadzba, M.E. *et al.* (2012) Vitreal IgM Autoantibodies Target Neurofilament Medium in a Spontaneous Model of Autoimmune Uveitis. Invest Ophthalmol Vis Sci. 53: 294-300.
4. Barrell, E.A. *et al.* (2017) Acute leukemia in six horses (1990-2012). J Vet Diagn Invest. May 1:1040638717707724 [Epub ahead of print]

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.
Shelf Life	12 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10089 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10089.pdf
Regulatory	For research purposes only

North & South America Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com

Worldwide Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com

Europe Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com

'M306879:170706'

Printed on 06 Nov 2017

© 2017 Bio-Rad Laboratories Inc | Legal | Imprint