

Datasheet: AAI33P

Description:	GOAT ANTI HORSE 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	Horse
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

Antiserum Preparation Antisera to equine IgM were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography using antigen coupled to agarose beads.

Buffer Solution	Phosphate buffered saline
Preservative	0.05% Proclin™ 300
Stabilisers	0.2% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0 mg/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. <i>et al.</i> (2007) Experimental infection of neonatal foals with <i>Rhodococcus equi</i> triggers
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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.
Acknowledgements	Proclin™ 300 is a trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow.
Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #20391 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/20391.pdf
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+ \(BUF054A\)](#)

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