

Datasheet: AAI33F

Description:	GOAT ANTI HORSE IgM:FITC
Specificity:	IgM
Format:	FITC
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
Flow Cytometry	▪			1/20 - 1/100
Immunohistology - Frozen	▪			1/100 - 1/1000
Immunohistology - Paraffin			▪	

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 fraction conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525
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	Phosphate buffered saline		
Preservative	0.09% Sodium Azide		
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. *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. This product is photosensitive and should be protected from light. 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 #10041 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

Regulatory

For research purposes only

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