

## Datasheet: AAI33F

**BATCH NUMBER 180117**

<b>Description:</b>	GOAT ANTI HORSE IgM:FITC
<b>Specificity:</b>	IgM
<b>Format:</b>	FITC
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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 Stabilisers

0.09% Sodium Azide  
0.2% Bovine Serum Albumin

#### Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

<b>Immunogen</b>	Purified equine IgM.
<b>RRID</b>	AB_323034
<b>Specificity</b>	<b>Goat anti horse IgM polyclonal antibody</b> 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.
<b>References</b>	<ol style="list-style-type: none"> <li>Jacks, S. <i>et al.</i> (2007) Experimental infection of neonatal foals with <i>Rhodococcus equi</i> triggers adult-like gamma interferon induction. <a href="#">Clin Vaccine Immunol. 14: 669-77.</a></li> <li>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 <a href="#">Clin Vaccine Immunol. 17: 1896-902.</a></li> <li>Swadzba, M.E. <i>et al.</i> (2012) Vitreal IgM Autoantibodies Target Neurofilament Medium in a Spontaneous Model of Autoimmune Uveitis. <a href="#">Invest Ophthalmol Vis Sci. 53: 294-300.</a></li> <li>Barrell, E.A. <i>et al.</i> (2017) Acute leukemia in six horses (1990-2012). <a href="#">J Vet Diagn Invest. May 1:1040638717707724 [Epub ahead of print]</a></li> </ol>
<b>Storage</b>	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.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10041 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AAI33F">https://www.bio-rad-antibodies.com/SDS/AAI33F</a> 10041
<b>Regulatory</b>	For research purposes only

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
----------------------------------	---	------------------	---	---------------	---

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)

'M363641:200528'

Printed on 01 Mar 2024