

## Datasheet: AAI22AB

<b>Description:</b>	SHEEP ANTI BOVINE IgG2:Alk. Phos.
<b>Specificity:</b>	IgG2
<b>Format:</b>	Alk. Phos.
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Bovine
<b>Product Form</b>	Purified IgG conjugated to Alkaline Phosphatase - liquid
<b>Antiserum Preparation</b>	Antisera to bovine IgG2 were raised by repeated immunisation of sheep with highly purified antigen. Purified IgG prepared by affinity chromatography.
<b>Buffer Solution</b>	50mM HEPES, 0.1M NaCl, 1mM MgCl <sub>2</sub> , 0.1mM ZnCl <sub>2</sub>
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5mg/ml
<b>Immunogen</b>	Purified bovine IgG2.
<b>Specificity</b>	<b>Sheep anti Bovine IgG2 polyclonal antibody</b> recognizes bovine IgG2.  No cross - reactivity with other bovine immunoglobulin classes is seen in immunoelectrophoresis. This product may cross-react with IgG2 from other species.

<b>References</b>	1. Makepeace, B.L. <i>et al.</i> (2009) Immunisation with a multivalent, subunit vaccine reduced patent infection in a natural bovine model of Onchocerciasis during intense field exposure. <a href="https://doi.org/10.1371/journal.pntd.0000544">PLoS Negl. Trop. Dis. 3: e544</a> .
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15. Scott, K.A. *et al.* (2017) Evaluation of immune responses of stabilised SAT2 antigens of foot-and-mouth disease in cattle. [Vaccine. Apr 18 \[Epub ahead of print\].](#)

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**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.

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**Shelf Life**

12 months from date of despatch.

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**Health And Safety Information**

Material Safety Datasheet documentation available at:  
Material Safety Datasheet documentation #10351 available at  
<https://www.bio-rad-antibodies.com/uploads/MSDS/10351.pdf>

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**Regulatory**

For research purposes only

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**Printed on 13 Apr 2018**

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