

## Datasheet: AA123B

<b>Description:</b>	SHEEP ANTI BOVINE IgG:Biotin
<b>Specificity:</b>	IgG
<b>Format:</b>	Biotin
<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			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1:10000 - 1:100000
Western Blotting	▪			1:10000 - 1:100000

Where this product 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 product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Bovine
<b>Product Form</b>	Purified IgG fraction conjugated to Biotin - liquid
<b>Antiserum Preparation</b>	Antisera to bovine IgG were raised by repeated immunisation of sheep with highly purified antigen. Purified IgG was prepared by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Purified bovine IgG.

**Specificity**

**Sheep anti Bovine IgG polyclonal antibody** recognizes bovine IgG and shows no cross-reactivity with other bovine immunoglobulin classes in immunoelectrophoresis. This polyclonal antibody has not been cross adsorbed and may therefore react with IgG from other species

Sheep anti Bovine IgG has been usefully employed for the detection of antigen specific antibody reactivity in cattle by ELISA ([Vrieling et al. 2013](#)).

**References**

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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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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at:  
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory** For research purposes only

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