DataSheet: AAI23
BATCH NUMBER 159609

Product Details

<table>
<thead>
<tr>
<th>Description:</th>
<th>SHEEP ANTI BOVINE IgG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specificity:</td>
<td>IgG</td>
</tr>
<tr>
<td>Format:</td>
<td>Purified</td>
</tr>
<tr>
<td>Product Type:</td>
<td>Polyclonal Antibody</td>
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<tr>
<td>Isotype:</td>
<td>Polyclonal IgG</td>
</tr>
<tr>
<td>Quantity:</td>
<td>1 mg</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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<tr>
<td>ELISA</td>
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<td></td>
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<td>1/100 - 1/30,000</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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<tr>
<td>Immunodiffusion</td>
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</table>

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: Bovine

Product Form: Purified IgG - liquid

Antiserum Preparation: Antisera to bovine IgG were raised by repeated immunisation of sheep with highly purified antigen. Purified IgG prepared by affinity chromatography.

Buffer Solution: Phosphate buffered saline

Preservative Stabilisers: 0.09% Sodium Azide

Approx. Protein: IgG concentration 1.0 mg/ml
Concentrations

Immunogen

Purified bovine IgG.

RRID

AB_323065

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

14. Alo, K et al. (0) Passive protective effect of anti-K99 antibodies against enterotoxigenic E.coli. infection in neonatal calves Ir J of Vet Med, 12(2), 97-107

**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.

**Guarantee**

12 months from date of despatch

**Health And Safety Information**

Material Safety Datasheet documentation #10040 available at:
https://www.bio-rad-antibodies.com/SDS/AAl23 10040

**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

Rabbit Anti Sheep IgG (H/L) (5184-2304...) **Biotin**