# Product Details

**Description:** MOUSE ANTI BOVINE/OVINE IgA

**Specificity:** IgA

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** K84 2F9

**Isotype:** IgG1

**Quantity:** 0.1 mg

## 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).

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>1/5000 - 1/80,000</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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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.

## Target Species

**Species Cross Reactivity:** Reacts with: Sheep

**N.B:** Antibody reactivity and working conditions may vary between species.

## Product Form

**Product Form:** Purified IgG - liquid

**Preparation:** Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

**Buffer Solution:** Phosphate buffered saline

**Preservative Stabilisers:** 0.09% Sodium Azide (NaN₃)

**Carrier Free:** Yes

## Approx. Protein Concentrations

**IgG concentration:** 1.0 mg/ml
Immunogen  
Bovine IgA.

Fusion Partners  
Spleen cells from immunised mice were fused with cells of the P3.X63.Ag8.653 myeloma cell line.

Specificity  
Mouse anti Bovine IgA antibody, clone K84 2F9 recognizes bovine and ovine IgA. No cross reactivity is observed with Bovine or Ovine IgG and IgM.

References  

Storage  
Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life  
18 months from date of despatch
Recommended Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) Alk. Phos., HRP
Goat Anti Mouse IgG (STAR77...) HRP
Rabbit Anti Mouse IgG (STAR12...) RPE
Rabbit Anti Mouse IgG (STAR8...) DyLight®800
Rabbit Anti Mouse IgG (STAR13...) HRP
Goat Anti Mouse IgG (STAR76...) RPE
Goat Anti Mouse IgG (STAR70...) FITC
Goat Anti Mouse IgG (Fc) (STAR120...) FITC, HRP
Rabbit Anti Mouse IgG (STAR9...) FITC
Goat Anti Mouse IgG (H/L) (STAR117...) Alk. Phos., DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800, FITC, HRP

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL (MCA928)

Recommended Useful Reagents

MOUSE ANTI SHEEP IgE (MCA5941GA)
MOUSE ANTI BOVINE IgG1 (MCA627GA)
MOUSE ANTI BOVINE IgA (MCA2438GA)
MOUSE ANTI BOVINE IgA:HRP (MCA2438P)
MOUSE ANTI BOVINE IgG (MCA2439GA)
MOUSE ANTI BOVINE IgG:HRP (MCA2439P)
MOUSE ANTI BOVINE IgG1 (MCA2440GA)
MOUSE ANTI BOVINE IgG1:HRP (MCA2440P)
MOUSE ANTI BOVINE IgG2 (MCA2441GA)
MOUSE ANTI BOVINE IgG2:HRP (MCA2441P)
MOUSE ANTI BOVINE IgM (MCA2443GA)