Datasheet: MCA628GA

BATCH NUMBER 1607

### Product Details

<table>
<thead>
<tr>
<th>Description:</th>
<th>MOUSE ANTI BOVINE/OVINE IgA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specificity:</td>
<td>IgA</td>
</tr>
<tr>
<td>Format:</td>
<td>Purified</td>
</tr>
<tr>
<td>Product Type:</td>
<td>Monoclonal Antibody</td>
</tr>
<tr>
<td>Clone:</td>
<td>K84 2F9</td>
</tr>
<tr>
<td>Isotype:</td>
<td>IgG1</td>
</tr>
<tr>
<td>Quantity:</td>
<td>0.1 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](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>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunohistology - Frozen</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Immunohistology - Paraffin</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELISA</td>
<td></td>
<td></td>
<td></td>
<td>1/5000 - 1/80,000</td>
</tr>
<tr>
<td>Immunoprecipitation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Blotting</td>
<td></td>
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</tbody>
</table>

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

Bovine

### Species Cross Reactivity

Reacts with: Sheep

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### 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 (NaN$_3$)

**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**


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### Storage

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Store at</td>
<td>+4°C or at -20°C if preferred.</td>
</tr>
<tr>
<td>Storage in frost-free freezers is not recommended.</td>
<td></td>
</tr>
<tr>
<td>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</td>
<td></td>
</tr>
</tbody>
</table>

### Guarantee

<table>
<thead>
<tr>
<th>Duration</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>12 months from date of despatch</td>
<td></td>
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</tbody>
</table>

### Health And Safety Information


### Regulatory

For research purposes only

### Related Products

#### Recommended Secondary Antibodies

**Rabbit Anti Mouse IgG (STAR12...)**
- [RPE](#)

**Goat Anti Mouse IgG IgA IgM (STAR87...)**
- [HRP](#)

**Goat Anti Mouse IgG (STAR76...)**
- [RPE](#)

**Rabbit Anti Mouse IgG (STAR13...)**
- [HRP](#)

**Goat Anti Mouse IgG (STAR70...)**
- [FITC](#)

**Goat Anti Mouse IgG (H/L) (STAR117...)**
- [Alk. Phos., DyLight®488, DyLight®550, DyLight®650, DyLight®680, DyLight®800](#), [FITC, HRP](#)

**Goat Anti Mouse IgG (Fc) (STAR120...)**
- [FITC, HRP](#)

**Rabbit Anti Mouse IgG (STAR9...)**
- [FITC](#)

**Goat Anti Mouse IgG (STAR77...)**
- [HRP](#)

### 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)**
'M368732:200529'

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