Datasheet: MCA1895

<table>
<thead>
<tr>
<th>Description:</th>
<th>MOUSE ANTI DOG IgE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specificity:</td>
<td>IgE</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>E6-2A1</td>
</tr>
<tr>
<td>Isotype:</td>
<td>IgG2a</td>
</tr>
<tr>
<td>Quantity:</td>
<td>0.25 mg</td>
</tr>
</tbody>
</table>

**RRID**

AB_323084

**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>Applications</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>
</tr>
<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></td>
</tr>
<tr>
<td>Immunoprecipitation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Blotting</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

**Target Species**

Dog

**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**

0.05% Sodium Azide (NaN₃)

**Approx. Protein Concentrations**

IgG concentration 1.0 mg/ml

**Immunogen**

Affinity purified IgE preparation from heavily parasitized and allergic dog serum.

**Specificity**

Mouse anti Dog IgE antibody, clone E6-2A1 recognises canine IgE. E6-2A1 does not cross react with dog IgM, IgA, IgG1 or IgG2. Western blot analysis against affinity purified dog IgE using
Mouse anti Dog IgE clone E6-2A1 demonstrates a single major band of ~62-65 kDa under reducing conditions.

**ELISA**

The antibody may be used as a capture antibody in a sandwich ELISA in combination with MCA1896B as the detection antibody.

**References**


**Storage**

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**Guarantee**

18 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only

**Related 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]
- Human Anti Mouse IgG2a (HCA037...)[FITC, HRP]
- Goat Anti Mouse IgG (H/L) (STAR117...)[Alk. Phos., DyLight®488, DyLight®680, DyLight®800, FITC, HRP]

**Recommended Negative Controls**

**MOUSE IgG2a NEGATIVE CONTROL (MCA929)**

---

"M340060:190104"

**Printed on 11 Oct 2019**