Datasheet: MCA1895

<table>
<thead>
<tr>
<th>Description:</th>
<th>MOUSE ANTI DOG IgE</th>
</tr>
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<tbody>
<tr>
<td>Specificity:</td>
<td>IgE</td>
</tr>
<tr>
<td>Format:</td>
<td>Purified</td>
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<tr>
<td>Product Type:</td>
<td>Monoclonal Antibody</td>
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<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>

Product Details

| 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).

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<thead>
<tr>
<th></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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<tr>
<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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</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)