Datasheet: MCA2111EL

**Description:** MOUSE ANTI BOVINE INTERLEUKIN-10:Low Endotoxin

**Specificity:** IL-10

**Format:** Low Endotoxin

**Product Type:** Monoclonal Antibody

**Clone:** CC320

**Isotype:** IgG1

**Quantity:** 0.5 mg

### Product Details

**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 (1)</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Immunohistology - Frozen</td>
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<tr>
<td>Immunohistology - Paraffin</td>
<td></td>
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<tr>
<td>ELISA</td>
<td></td>
<td></td>
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<td>5ug/ml - 10ug/ml</td>
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<tr>
<td>Immunoprecipitation</td>
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<tr>
<td>Western Blotting</td>
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<tr>
<td>Functional Assays</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.

(1) **Membrane permeabilization is required for this application. Bio-Rad recommends the use of Leucoperm (BUF09) for this purpose.**

**Target Species**

Bovine

**Species Cross Reactivity**

Reacts with: Horse, Sheep, Goat

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
<table>
<thead>
<tr>
<th>Buffer Solution</th>
<th>Phosphate buffered saline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preservative Stabilisers</td>
<td>None present</td>
</tr>
<tr>
<td>Carrier Free</td>
<td>Yes</td>
</tr>
<tr>
<td>Endotoxin Level</td>
<td>&lt; 0.01 EU/ug</td>
</tr>
<tr>
<td>Approx. Protein Concentrations</td>
<td>IgG concentration 1.0 mg/ml</td>
</tr>
<tr>
<td>Immunogen</td>
<td>Plasmid cDNA encoding bovine IL-10.</td>
</tr>
</tbody>
</table>

**External Database Links**

**UniProt:**

- P43480 Related reagents

**Entrez Gene:**

- 281246 IL10 Related reagents

**RRID**

- AB_2264769

**Fusion Partners**

Spleen cells from immunised Balb/c mice were fused with cells of the mouse sp2/0 myeloma cell line.

**Specificity**

Mouse anti Bovine Interleukin-10 antibody, clone CC320 recognizes bovine IL-10.

Mouse anti Bovine Interleukin-10 antibody, clone CC320 has been shown to neutralize the activity of bovine IL-10 as measured by the inhibition of the inhibitory activity of IL-10 on IFN gamma synthesis (Buza et al., 2004).

**References**


Storage

Store at -20°C only.

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
12 months from date of despatch

Health And Safety Information
Material Safety Datasheet documentation #10162 available at:

Regulatory
For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...) HRP
Rabbit Anti Mouse IgG (STAR12...) RPE
Rabbit Anti Mouse IgG (STAR8...) DyLight®800
Goat Anti Mouse IgG (STAR76...) RPE
Goat Anti Mouse IgG (STAR70...) FITC
Goat Anti Mouse IgG (H/L) (STAR117...) Alk. Phos., DyLight®488, DyLight®680, DyLight®800, FITC, HRP

Rabbit Anti Mouse IgG (STAR9...) FITC
Goat Anti Mouse IgG (Fc) (STAR120...) FITC, HRP
Goat Anti Mouse IgG IgA IgM (STAR87...) Alk. Phos., HRP
Rabbit Anti Mouse IgG (STAR13...) HRP

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL:Low Endotoxin (MCA928EL)