Datasheet: MCA2110

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

**Specificity:** IL-10

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** CC318

**Isotype:** IgG2b

**Quantity:** 0.5 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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</thead>
<tbody>
<tr>
<td>Flow Cytometry (1)</td>
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<tr>
<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>5µg/ml - 10µg/ml</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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<tr>
<td>ELISpot</td>
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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  
**N.B.** Antibody reactivity and working conditions may vary between species.

**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

**Approx. Protein Concentrations**

IgG concentration 1.0 mg/ml
Immunogen

Plasmid cDNA encoding bovine IL-10.

External Database Links

UniProt: P43480 Related reagents

Entrez Gene: 281246 IL10 Related reagents

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 CC318 recognizes bovine IL-10. Mouse anti Bovine Interleukin-10 antibody, clone CC318 has been shown not to inhibit the biological activity of IL-10.

ELISA

This reagent may be used as a capture antibody in a sandwich ELISA assay for bovine IL-10 in combination with MCA2111B as detection reagent, see Bannerman, D.D. et al.

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.

**Shelf Life**

18 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

<table>
<thead>
<tr>
<th>Antibody Description</th>
<th>HRP</th>
<th>FITC</th>
<th>DyLight®800</th>
<th>RPE</th>
<th>Alk. Phos.</th>
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<tbody>
<tr>
<td>Goat Anti Mouse IgG (STAR77...)</td>
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<td>HRP</td>
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<td>Antibody Type</td>
<td>Detector(s)</td>
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<td>Goat Anti Mouse IgG (STAR70...)</td>
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