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.

<table>
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<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>Flow Cytometry (1)</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>5ug/ml - 10ug/ml</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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<td>Functional Assays</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, Goat

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

None present

Endotoxin Level

<0.01 EU/ug

Approx. Protein

IgG concentration 1.0 mg/ml
**Concentrations**

| 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 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**

13. Ma&347;lanka T *et al.* (2012) The presence of CD25 on bovine WC1+ gammadelta T cells is positively correlated with their production of IL-10 and TGF-beta, but not IFN-gamma. *Pol J Vet...


**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.

**Shelf Life**

18 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

- **Goat Anti Mouse IgG (STAR77...)**
  - HRP
- **Rabbit Anti Mouse IgG (STAR13...)**
  - HRP
- **Goat Anti Mouse IgG (Fc) (STAR120...)**
  - FITC, HRP
- **Rabbit Anti Mouse IgG (STAR8...)**
  - DyLight®800
- **Goat Anti Mouse IgG (STAR76...)**
  - RPE
- **Rabbit Anti Mouse IgG (STAR12...)**
  - RPE
- **Goat Anti Mouse IgG IgA IgM (STAR87...)**
  - Alk. Phos., HRP
- **Goat Anti Mouse IgG (H/L) (STAR117...)**
  - Alk. Phos., DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800, FITC, HRP
- **Rabbit Anti Mouse IgG (STAR9...)**
  - FITC
- **Human Anti Mouse IgG1 (HCA036...)**
  - HRP
- **Goat Anti Mouse IgG (STAR70...)**
  - FITC