Datasheet: MCA1820PE

**Description:** MOUSE ANTI BOVINE INTERLEUKIN-4:RPE

**Specificity:** IL-4

**Format:** RPE

**Product Type:** Monoclonal Antibody

**Clone:** CC303

**Isotype:** IgG2a

**Quantity:** 100 TESTS

### 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</td>
<td></td>
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<td>Neat - 1/5</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. Suggested working dilutions are given as a guide only. 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 recommend the use of Leucoperm™ (Product Code BUF09) for this purpose.

**Target Species**

Bovine

**Species Cross Reactivity**

Reacts with: Dog, Pig, Sheep, Mustelid, Goat, Dolphin, Mink, Fin Whale, Horse

**Note:** Antibody reactivity and working conditions may vary between species.

**Product Form**

Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilized

**Reconstitution**

Reconstitute with 1 ml distilled water

**Max Ex/Em**

<table>
<thead>
<tr>
<th>Fluorophore</th>
<th>Excitation Max (nm)</th>
<th>Emission Max (nm)</th>
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<tbody>
<tr>
<td>RPE 488nm laser</td>
<td>496</td>
<td>578</td>
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</tbody>
</table>

**Preparation**

Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

- 0.09% Sodium Azide
- 1% Bovine Serum Albumin
- 5% Sucrose
Fusion Partners
Spleen cells from immunized BALB/c mice were fused with cells of the mouse SP2/0 myeloma cell line.

Specificity
Mouse anti Bovine Interleukin-4 antibody, clone CC303 recognizes bovine interleukin 4

Flow Cytometry
Use 10ul of the suggested working dilution to label 1x10^6 cells in 100ul.

References


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**Storage**

Store at +4°C.

**DO NOT FREEZE**

This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

**Shelf Life**

12 months from date of reconstitution.

**Health And Safety Information**


**Regulatory**

For research purposes only

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**Related Products**

**Recommended Negative Controls**

**MOUSE IgG2a NEGATIVE CONTROL:RPE (MCA929PE)**