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

RRID AB_324011

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>
<thead>
<tr>
<th>Flow Cytometry (1)</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>•</td>
<td></td>
<td></td>
<td>Neat - 1/5</td>
</tr>
</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. 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

N.B. 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
Fluorophore | Excitation Max (nm) | Emission Max (nm)
-------------|---------------------|-------------------|
RPE 488nm laser | 496 | 578 |

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
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**


### 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.

### Guarantee

12 months from date of reconstitution.

### Health And Safety Information


### Regulatory

For research purposes only

### Related Products

**Recommended Negative Controls**

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

---

© 2019 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)