Datasheet: MCA749PE

Description: MOUSE ANTI GUINEA PIG CD4:RPE

Specificity: CD4

Format: RPE

Product Type: Monoclonal Antibody

Clone: CT7

Isotype: IgG1

Quantity: 100 TESTS

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>
<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>
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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.

Target Species: Guinea Pig

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

Reconstitution: Reconstitute with 1.0ml distilled water

Max Ex/Em

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

Preparation: Purified IgG prepared by affinity chromatography on Protein G.

Buffer Solution: Phosphate buffered saline

Preservative Stabilisers: 0.09% Sodium Azide 1% Bovine Serum Albumin

Immunogen: Guinea pig peritoneal T-cells.

Fusion Partners: Spleen cells from immunised BALB/c mice were fused with cells of the X63.Ag8.653 mouse myeloma cell line.

Specificity: Mouse anti Guinea Pig CD4 antibody, clone CT7 recognizes the CD4 antigen present on T Helper/Inducer lymphocytes.
Flow Cytometry

Use 10μl of the suggested working dilution to label 10^6 cells or 100μl whole Guinea Pig peripheral blood.

References

21. Shang, S. et al. (2012) Drug treatment combined with BCG vaccination reduces disease...
reactivation in guinea pigs infected with *Mycobacterium tuberculosis*. Vaccine, 30 (9): 1572-82.


### 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

### Related Products
**Recommended Negative Controls**

**MOUSE IgG1 NEGATIVE CONTROL:RPE (MCA928PE)**

### Regulated Products

**Recommended Negative Controls**

**MOUSE IgG1 NEGATIVE CONTROL:RPE (MCA928PE)**

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