Datasheet: MCA749F
BATCH NUMBER 1602

Description: MOUSE ANTI GUINEA PIG CD4:FITC
Specificity: CD4
Format: FITC
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.

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<tr>
<th></th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tr>
<td>Flow Cytometry</td>
<td></td>
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<td>Neat - 1/10</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 Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid

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>FITC</td>
<td>490</td>
<td>525</td>
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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

Approx. Protein Concentrations
IgG concentration 0.1 mg/ml
Immunogen | Guinea pig peritoneal T-cells.
---|---
RRID | AB_322605
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 10ul of the suggested working dilution to label 10^6 cells or 100ul whole Guinea Pig peripheral blood.

References

Storage

Store at +4°C for one month or at -20°C for longer.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.

Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10041 available at: https://www.bio-rad-antibodies.com/SDS/MCA749F 10041

Regulatory

For research purposes only
Related Products

**Recommended Negative Controls**

**MOUSE IgG1 NEGATIVE CONTROL:FITC (MCA928F)**

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<th>Region</th>
<th>Tel</th>
<th>Fax</th>
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<tbody>
<tr>
<td>North &amp; South America</td>
<td>+1 800 265 7376</td>
<td>+1 919 878 3751</td>
<td><a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a></td>
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<td>Worldwide</td>
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<tr>
<td>Europe</td>
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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets M368876:200529]

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