Datasheet: MCA752F

BATCH NUMBER 161560

**Product Details**

**Description:** MOUSE ANTI GUINEA PIG CD8:FITC

**Specificity:** CD8

**Format:** FITC

**Product Type:** Monoclonal Antibody

**Clone:** CT6

**Isotype:** IgG1

**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>Yes</td>
<td>No</td>
<td></td>
<td>Neat</td>
</tr>
<tr>
<td>Immunohistology - Frozen</td>
<td></td>
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<tr>
<td>Immunohistology - Paraffin</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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</thead>
<tbody>
<tr>
<td>FITC</td>
<td>490</td>
<td>525</td>
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</tbody>
</table>

**Preparation**

Purified IgG prepared by affinity chromatography on Protein A

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

0.09% Sodium Azide
1% Bovine Serum Albumin

**Approx. Protein**

IgG concentration 0.1 mg/ml
Concentrations

Immunogen Guinea pig peritoneal T-cells.

RRID AB_321399

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 CD8 antibody, clone CT6 reacts with guinea pig CD8 present on cytotoxic T-cells. CD8 comprises 2 subunits, alpha and beta and exists as either an alpha/alpha homodimer or an alpha/beta heterodimer. Sequence analysis suggests that guinea pig CD8 is more closely related to human than rat or mouse CD8 (Nagarajan et al. 2004).

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

References


Storage
This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.

Guarantee
12 months from date of despatch

Health And Safety
Material Safety Datasheet documentation #10041 available at:
Related Products

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL:FITC (MCA928F)

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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