Datasheet: MCA752S

**Description:** MOUSE ANTI GUINEA PIG CD8

**Specificity:** CD8

**Format:** Con S/N

**Product Type:** Monoclonal Antibody

**Clone:** CT6

**Isotype:** IgG1

**Quantity:** 0.25 ml

### 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>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tr>
<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</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**

Concentrated tissue culture supernatant - liquid

**Preservative**

0.1% Sodium Azide

**Stabilisers**

0.7% Bovine Serum Albumin

**Approx. Protein Concentrations**

IgG concentration 1.0 mg/ml

**Immunogen**

Guinea pig peritoneal T-cells.

**RRID**

AB_324551

**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 $10^6$ lymphocytes in 100ul.

**References**

Mycobacterium Tuberculosis in Guinea Pigs Previously Treated With Chemotherapy [Mycobacterial Diseases. 2: 116.]


Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

18 months from date of despatch.

Health And Safety Information


Regulatory

For research purposes only

Related Products

**Recommended Secondary Antibodies**

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos., HRP]
Goat Anti Mouse IgG (STAR77...) [HRP]
Rabbit Anti Mouse IgG (STAR12...) [RPE]
Rabbit Anti Mouse IgG (STAR8...) [DyLight®800]
Rabbit Anti Mouse IgG (STAR13...) [HRP]
Goat Anti Mouse IgG (STAR76...) [RPE]
Goat Anti Mouse IgG (STAR70...) [FITC]
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC, HRP]
Rabbit Anti Mouse IgG (STAR9...) [FITC]
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos., DyLight®488, DyLight®680, DyLight®800, FITC, HRP]