Datasheet: MCA1347GA

Product Details

**Description:** MOUSE ANTI CAT CD8 ALPHA/BETA

**Specificity:** CD8 ALPHA/BETA

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** vpg9

**Isotype:** IgG1

**Quantity:** 0.1 mg

**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>
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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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<tbody>
<tr>
<td>Flow Cytometry</td>
<td>-</td>
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<td>1/25 - 1/200</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**

Cat

**Species Cross Reactivity**

Does not react with: Human

**Product Form**

Purified IgG - liquid

**Preparation**

Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

0.09% Sodium Azide (NaN₃)

**Approx. Protein Concentrations**

IgG concentration 1.0 mg/ml

**Immunogen**

Feline thymocytes.
Fusion Partners

Spleen cells from immunized BALB/c were fused with cells of the NS0 mouse myeloma cell line.

Specificity

Mouse anti Cat CD8 alpha/beta antibody, clone vpg9 recognizes the feline homolog of human CD8. Clone vpg 9 specifically recognizes an epitope associated with the alpha/beta complex of the CD8 heterodimer (Shimojima et al. 1998).

Flow Cytometry

Use 10ul of the suggested working dilution to label 10^6 lymphocytes in 100ul

References


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**
Material Safety Datasheet documentation #10040 available at:

**Regulatory**
For research purposes only

**Recommended 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 (F(ab')) (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]

**Recommended Negative Controls**

- MOUSE IgG1 NEGATIVE CONTROL (MCA1209)
- MOUSE IgG1 NEGATIVE CONTROL (MCA928)