Datasheet: MCA1347GA

| 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 |

Product Details

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>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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</thead>
<tbody>
<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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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

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR77...) 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

Recommended Negative Controls

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

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