Datasheet: MCA1353

Product Details

Description: MOUSE ANTI FELINE IMMUNODEFICIENCY VIRUS p24

Specificity: FELINE IMMUNODEFICIENCY VIRUS p24

Format: S/N

Product Type: Monoclonal Antibody

Clone: vpg50

Isotype: IgG1

Quantity: 2 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.

<table>
<thead>
<tr>
<th>Application</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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<td>ELISA</td>
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<td>Western Blotting</td>
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<td>1/50 - 1/100</td>
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<tr>
<td>Immunofluorescence</td>
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</table>

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: Viral

Product Form: Tissue Culture Supernatant - liquid

Preparation: Tissue Culture Supernatant containing 0.2M Tris/HCl pH7.4

Preservative Stabilisers: 0.1% Sodium Azide

Immunogen: Recombinant p24.

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

Specificity: Mouse anti Feline Immunodeficiency Virus p24 antibody, clone vpg50 recognizes feline immunodeficiency virus (FIV) p24, the ~24 kDa capsid protein which forms the conical core of the virus and encapsulates the genomic RNA-nucleocapsid complex.

Mouse anti Feline Immunodeficiency Virus p24 antibody, clone vpg50 has been used successfully...
for the detection of p24 in FIV infected dendritic cells by immunocytochemistry and detection of both recombinant p24 and p24 from virally infected cell cultures by western blotting (Reggeti and Bienzle 2008).

References


Storage

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

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

Shelf Life

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation available at:

Regulatory

For research purposes only

Related Products

**Recommended Secondary Antibodies**

- Goat Anti Mouse IgG (STAR76...) **RPE**
- Goat Anti Mouse IgG IgA IgM (STAR87...) **Alk. Phos., HRP**
- Goat Anti Mouse IgG (H/L) (STAR117...) **Alk. Phos., DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800, FITC, HRP**
- Rabbit Anti Mouse IgG (STAR9...) **FITC**
- Goat Anti Mouse IgG (STAR77...) **HRP**
- Rabbit Anti Mouse IgG (STAR12...) **RPE**
- Goat Anti Mouse IgG (Fc) (STAR120...) **FITC, HRP**
- Rabbit Anti Mouse IgG (STAR8...) **DyLight®800**
- Goat Anti Mouse IgG (STAR70...) **FITC**
- Rabbit Anti Mouse IgG (STAR13...) **HRP**
- Human Anti Mouse IgG1 (HCA036...) **HRP**