Datasheet: MCA2064

Description: MOUSE ANTI CANINE/FELINE PARVOVIRUS

Specificity: CANINE/FELINE PARVOVIRUS

Other names: FELINE PANLEUKOPENIA

Format: Purified

Product Type: Monoclonal Antibody

Clone: CPV1-2A1

Isotype: IgG2a

Quantity: 0.25 mg

RRID: AB_323424

Applications

<table>
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<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>Flow Cytometry</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 his/her own system using appropriate negative/positive controls.

Target Species: Viral

Species Cross Reactivity: Reacts with: Mink parvovirus

N.B. Antibody reactivity and working conditions may vary between species.

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: 0.05% Sodium Azide

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml
**Specificity**

Mouse anti Canine/ Feline parvovirus antibody, clone CPV1-2A1 recognizes canine parvovirus (CPV) and feline panleucopenia virus (FPV). CPV is reported to be a host range variant of FPV which emerged as a result of mutations of the viral capsid. Mouse anti Canine/ Feline parvovirus antibody, clone CPV1-2A1 does not recognise canine adenovirus (type2); canine coronavirus; canine distemper; canine parinfluenza virus; feline leukaemia virus or feline immunodeficiency virus.

**Immunohistology**

This product does not require protein digestion pre-treatment of paraffin sections e.g. trypsin or pronase prior to staining. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.

**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**


**Regulatory**

For research purposes only

**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**
- Human Anti Mouse IgG2a (HCA037...) **FITC, HRP**
Goat Anti Mouse IgG (H/L) (STAR117...)  
Alk. Phos., DyLight®488, DyLight®680, DyLight®800, FITC, HRP

North & South America
Tel: +1 800 265 7376
Fax: +1 919 878 3751
Email: antibody_sales_us@bio-rad.com

Worldwide
Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739
Email: antibody_sales_uk@bio-rad.com

Europe
Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50
Email: antibody_sales_de@bio-rad.com

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