

Datasheet: MCA2064

**BATCH NUMBER 151760**

<b>Description:</b>	MOUSE ANTI CANINE/FELINE PARVOVIRUS
<b>Specificity:</b>	CANINE/FELINE PARVOVIRUS
<b>Other names:</b>	FELINE PANLEUKOPENIA
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	CPV1-2A1
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	0.25 mg

## Product Details

### 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin	▪			
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting		▪		

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.

<b>Target Species</b>	Viral
<b>Species Cross Reactivity</b>	<p>Reacts with: Mink parvovirus</p> <p><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A from tissue culture

supernatant.

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<b>Buffer Solution</b>	Phosphate buffered saline
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<b>Preservative Stabilisers</b>	0.05% Sodium Azide
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<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
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<b>RRID</b>	AB_323424
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<b>Specificity</b>	<b>Mouse anti Canine/ Feline parvovirus antibody, clone CPV1-2A1</b> 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 parainfluenza virus; feline leukaemia virus or feline immunodeficiency virus.
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<b>Immunohistology</b>	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.
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<b>References</b>	<ol style="list-style-type: none"><li>1. Kipar, A. <i>et al.</i> (2000) Expression of viral proteins in feline leukemia virus-associated enteritis. <a href="#">Vet Pathol. 37 (2): 129-36.</a></li><li>2. Kyöstilä, K. <i>et al.</i> (2012) A SEL1L mutation links a canine progressive early-onset cerebellar ataxia to the endoplasmic reticulum-associated protein degradation (ERAD) machinery. <a href="#">PLoS Genet. 8 (6): e1002759.</a></li><li>3. Rolim, V.M. <i>et al.</i> (2016) Myocarditis caused by Feline Immunodeficiency Virus in Five Cats with Hypertrophic Cardiomyopathy. <a href="#">J Comp Pathol. 154 (1): 3-8.</a></li><li>4. Willi, B. <i>et al.</i> (2016) Molecular characterization and virus neutralization patterns of severe, non-epizootic forms of feline calicivirus infections resembling virulent systemic disease in cats in Switzerland and in Liechtenstein. <a href="#">Vet Microbiol. 182: 202-12.</a></li></ol>
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<b>Storage</b>	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.
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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA2064">https://www.bio-rad-antibodies.com/SDS/MCA2064</a> 10040
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<b>Regulatory</b>	For research purposes only
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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®550</a> , <a href="#">DyLight®650</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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