

Datasheet: MCA2589

Description:	MOUSE ANTI CANINE PARVOVIRUS
Specificity:	CANINE PARVOVIRUS
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	7351
Isotype:	IgG2a
Quantity:	0.1 mg

Product Details

RRID AB_808361

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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/20 - 1/200
Immunoprecipitation			▪	
Western Blotting			▪	
Immunofluorescence			▪	

Where this product 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 product for use in their own system using appropriate negative/positive controls.

Target Species Viral

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 0.1% Sodium Azide (NaN₃)

Approx. Protein Concentrations IgG concentration 0.1mg/ml

Immunogen Canine parvovirus.

Specificity **Mouse anti Canine Parvovirus antibody, clone 7351** recognizes Canine parvovirus (CPV), a

negatively stranded DNA virus which infects dogs. In some instances it is also known as CPV type-2 to distinguish it from the unrelated parvovirus minute virus of canines (MVC).

CPV is a relatively new virus, having been first isolated in 1978, which is thought to have derived from the feline panleukopenia virus (FPV). CPV is highly infectious and is spread from dog to dog by physical contact and contact with feces.

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- References**
1. Truyen, U. (1999) Emergence and recent evolution of canine parvovirus. [Vet Microbiol. 69 \(1-2\): 47-50.](#)
 2. Parrish, C.R. (1999) Host range relationships and the evolution of canine parvovirus. [Vet Microbiol. 69 \(1-2\): 29-40.](#)
 3. Guimarães, M.C.R. *et al.* (2008) Production and use of egg-yolk antibody for detection of canine parvovirus in feces [R. Ci. méd. biol., Salvador, v.7, n.3, p. 241-8.](#)

Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
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 #10303 available at: 10303: <https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf>

Regulatory For research purposes only

Related 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 (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®549](#),
[DyLight®649](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)

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