Datasheet: MCA1887

BATCH NUMBER 170038

Description:	MOUSE ANTI FELINE CALICIVIRUS
Specificity:	CALICIVIRUS
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	FCV1-43
Isotype:	IgG2a
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting	▪			

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.

(1)**This product requires antigen retrieval using heat treatment prior to staining of paraffin sections.**

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	<0.1% sodium azide (NaN_3)

Stabilisers	
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
RRID	AB_323081
Specificity	**Mouse anti Feline calicivirus antibody, clone FCV1-43** recognizes feline calicivirus, and does not cross-react with FIV or FeLV. Mouse anti Feline calicivirus antibody, clone FCV1-43 detects a 63kDa band in Western blots, representing the viral capsid protein. It may also be used in immunofluorescence techniques to detect viral infection.
ELISA	Mouse anti Feline calicivirus antibody, clone FCV1-43 may be used in an indirect ELISA or as the capture reagent in a sandwich ELISA with biotinylated clone S1-9 (MCA1886B) as the detection antibody.
References	1. Lee, B. *et al.* (2018) Dual functional membrane capable of both visual sensing and blocking of waterborne virus Journal of Membrane Science. 549: 680-5.
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA1887 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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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

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