

Datasheet: MCA2490

BATCH NUMBER 152318

Description:	MOUSE ANTI FELINE HERPES VIRUS TYPE 1
Specificity:	FELINE HERPES VIRUS TYPE 1
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	FHV7-7C
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			▪	
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting (1)	▪			

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) Clone FHV7-7C recognizes feline herpes virus under reducing conditions.

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	0.05% Sodium Azide (NaN ₃)

Approx. Protein Concentrations	IgG concentration 1.0mg/ml
RRID	AB_609663
Specificity	<p>Mouse anti Feline herpesvirus type 1 antibody, clone FHV7-7C recognizes feline Herpesvirus type 1 (FHV-1), of the genus <i>Herpesviridae</i>.</p> <p>FHV-1 is worldwide, and the most clinically significant pathogen for feline respiratory infections, being the causative agent of feline viral rhinotracheitis (FVR). Clone FHV7-7C specifically reacts with three different cultured FHV isolates, but does not cross react with feline Calcivirus (FCV), feline Immunodeficiency virus (FIV) or feline Leukaemia virus (FeLV).</p>
Western Blotting	MCA2490 detects bands of approximately 105-113kDa(gB/gC); 67kDa(gI) and 60kDa(gD).
References	1. Verweij, M.C. <i>et al.</i> (2011) The capacity of UL49.5 proteins to inhibit TAP is widely distributed among members of the genus Varicellovirus. J Virol. 85 (5): 2351-63.
Further Reading	1. Maeda, K. <i>et al.</i> (1998) Properties and functions of feline herpesvirus type 1 glycoproteins. J Vet Med Sci. 60 (8): 881-8.
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>
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/MCA2490 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
Rabbit Anti Mouse IgG (STAR13...)	HRP
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 (STAR9...) [FITC](#)
Goat Anti Mouse IgG (STAR77...) [HRP](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

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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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