

Datasheet: MCA2490

**BATCH NUMBER 148859**

<b>Description:</b>	MOUSE ANTI FELINE HERPES VIRUS TYPE 1
<b>Specificity:</b>	FELINE HERPES VIRUS TYPE 1
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	FHV7-7C
<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 (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.**

<b>Target Species</b>	Viral
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.05% Sodium Azide (NaN <sub>3</sub> )

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml
<b>RRID</b>	AB_609663
<b>Specificity</b>	<p><b>Mouse anti Feline herpesvirus type 1 antibody, clone FHV7-7C</b> 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>
<b>Western Blotting</b>	MCA2490 detects bands of approximately 105-113kDa(gB/gC); 67kDa(gI) and 60kDa(gD).
<b>References</b>	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. <a href="#">J Virol. 85 (5): 2351-63.</a>
<b>Further Reading</b>	1. Maeda, K. <i>et al.</i> (1998) Properties and functions of feline herpesvirus type 1 glycoproteins. <a href="#">J Vet Med Sci. 60 (8): 881-8.</a>
<b>Storage</b>	<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>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA2490">https://www.bio-rad-antibodies.com/SDS/MCA2490</a></p> <p>10040</p>
<b>Regulatory</b>	For research purposes only

## 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>
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>
Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)  
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)  
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
----------------------------------	---	------------------	---	---------------	---

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)

'M367044:200529'

**Printed on 01 Jul 2024**

---

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)