

Datasheet: 2470-5386F

**BATCH NUMBER 151729**

<b>Description:</b>	MOUSE ANTI CYTOMEGALOVIRUS EARLY NUCLEAR ANTIGEN:FITC
<b>Specificity:</b>	CYTOMEGALOVIRUS EARLY NUCLEAR ANTIGEN
<b>Other names:</b>	CMV
<b>Format:</b>	FITC
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	HCMV3
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	0.1 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
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 the appropriate negative/positive controls.

<b>Target Species</b>	Viral		
<b>Product Form</b>	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	FITC	490	525
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant		
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 1% Bovine Serum Albumin		
<b>Approx. Protein</b>	0.1mg/ml		

## Concentrations

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**Immunogen** Human CMV extracts.

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**RRID** AB\_1510188

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**Specificity** **Mouse anti Cytomegalovirus Early Nuclear Antigen antibody, clone HCMV3** detects cytomegalovirus early nuclear antigen. Cytomegalovirus is an enveloped double stranded DNA virus which in humans (HCMV) is also commonly known as human herpesvirus 5 (HHV-5). Early HCMV proteins are expressed in the nucleus of infected cells within 3 to 24 hours of infection, prior to viral DNA replication.

Mouse anti Cytomegalovirus Early Nuclear Antigen antibody, clone HCMV3 is also reactive with MRC-5 cells infected with CMV, but not uninfected cells.

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**Immunohistology** Suitable for methacam fixed, paraffin wax embedded sections as well as acetone fixed CMV infected cells or frozen sections.

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**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. This product is photosensitive and should be protected from light.  
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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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10041 available at: <https://www.bio-rad-antibodies.com/SDS/2470-5386F>  
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**Regulatory** For research purposes only

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**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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