

## Datasheet: 2470-5386F

<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.

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

<b>Immunogen</b>	Human CMV extracts.
<b>RRID</b>	AB_1510188
<b>Specificity</b>	<p><b>Mouse anti Cytomegalovirus Early Nuclear Antigen antibody, clone HCMV3</b> 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.</p> <p>Mouse anti Cytomegalovirus Early Nuclear Antigen antibody, clone HCMV3 is also reactive with MRC-5 cells infected with CMV, but not uninfected cells.</p>
<b>Immunohistology</b>	Suitable for methacarn fixed, paraffin wax embedded sections as well as acetone fixed CMV infected cells or frozen sections.
<b>Storage</b>	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10041 available at: <a href="https://www.bio-rad-antibodies.com/SDS/2470-5386F">https://www.bio-rad-antibodies.com/SDS/2470-5386F</a></p> <p>10041</p>
<b>Regulatory</b>	For research purposes only

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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](https://www.bio-rad-antibodies.com/datasheets)  
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Printed on 12 Aug 2023