

Datasheet: 2470-5386F

Description:	MOUSE ANTI CYTOMEGALOVIRUS EARLY NUCLEAR ANTIGEN:FITC
Specificity:	CYTOMEGALOVIRUS EARLY NUCLEAR ANTIGEN
Other names:	CMV
Format:	FITC
Product Type:	Monoclonal Antibody
Clone:	HCMV3
Isotype:	IgG1
Quantity:	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.

	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	0.09% Sodium Azide (NaN ₃)		
Stabilisers	1% Bovine Serum Albumin		
Approx. Protein Concentrations	0.1mg/ml		
Immunogen	Human CMV extracts.		
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.

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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Shelf Life	18 months from date of despatch.
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Health And Safety Information	Material Safety Datasheet documentation #10041 available at: 10041: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
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Regulatory	For research purposes only
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