

Datasheet: 2470-5437

BATCH NUMBER 160956

Description:	MOUSE ANTI CYTOMEGALOVIRUS gH LATE NEUTRALIZING ANTIGEN
Specificity:	CYTOMEGALOVIRUS gH LATE NEUTRALIZING ANTIGEN
Other names:	CMV
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	HCMV16 (51C1)
Isotype:	IgG1
Quantity:	0.2 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
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA	▪			
Immunoprecipitation	▪			
Western Blotting			▪	
Immunofluorescence	▪			
Functional Assays	▪			

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 - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)

Carrier Free	Yes
Approx. Protein Concentrations	1.0 mg/ml
Immunogen	Cytomegalovirus extracts.
RRID	AB_618951
Specificity	Mouse anti Cytomegalovirus gH Late Neutralizing Antigen antibody, clone HCMV16 (51C1) recognizes <i>Cytomegalovirus</i> glycoprotein H (gH) late neutralizing antigen and reacts with MRC-5 infected cells. Mouse anti Cytomegalovirus gH Late Neutralizing Antigen antibody, clone HCMV16 (51C1) does not react with HSV, VZV, EBV or uninfected cells.
References	<ol style="list-style-type: none"> 1. Cranage, M.P. <i>et al.</i> (1988) Identification and expression of a human cytomegalovirus glycoprotein with homology to the Epstein-Barr virus BXLF2 product, varicella-zoster virus gpIII, and herpes simplex virus type 1 glycoprotein H. J Virol. 62 (4): 1416-22. 2. Hamilton, A.A. <i>et al.</i> (1997) A humanized antibody against human cytomegalovirus (CMV) gpUL75 (gH) for prophylaxis or treatment of CMV infections. J Infect Dis. 176 (1): 59-68. 3. Milne, R.S. <i>et al.</i> (1998) Human cytomegalovirus glycoprotein H/glycoprotein L complex modulates fusion-from-without. J Gen Virol. 79 (Pt 4): 855-65.
Storage	<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.</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/2470-5437 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
'M381350:210512'

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