

Datasheet: MCA1858B

Description:	MOUSE ANTI M13 BACTERIOPHAGE:Biotin
Specificity:	M13 BACTERIOPHAGE
Format:	Biotin
Product Type:	Monoclonal Antibody
Clone:	E1
Isotype:	IgG3
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
Flow Cytometry	▪			
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1 ug/ml - 5ug/ml
Immunoprecipitation			▪	
Western Blotting			▪	

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.

Target Species	Viral
Product Form	Purified IgG conjugated to biotin - liquid
Preparation	Antibody purified from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.08% sodium azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0mg/ml

Immunogen	M13 Phage coat proteins.
RRID	AB_323105
Specificity	<p>Mouse anti M13 Bacteriophage antibody, clone E1 recognizes the gp3 (G3P) phage coat protein of the M13 bacteriophage widely used in the preparation of 'phage-display' immunoglobulin libraries. G3P plays a role in the entry of the viral genome into the bacterial host..</p> <p>This antibody may be used to detect binding of ScFv antibodies developed in the M13 system.</p>
References	1. Jaye, D.L. <i>et al.</i> (2003) Use of real-time polymerase chain reaction to identify cell- and tissue-type-selective peptides by phage display. Am J Pathol. 162:1419-29.
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	Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA1858B 10040
Regulatory	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
'M431293:240710'

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