

Datasheet: MCA1858B

BATCH NUMBER 170629

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	▪			1ug/ml - 5ug/ml
Immunoprecipitation			▪	
Western Blotting			▪	

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species	Viral
Product Form	Purified IgG conjugated to Biotin - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.08% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	M13 Phage coat proteins.

Specificity **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..

This antibody may be used to detect binding of ScFv antibodies developed in the M13 system.

References 1. Jaye, D.L.*et al.* (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 Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 18 months from date of despatch.

Health And Safety Information Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/MCA1858B>
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Regulatory For research purposes only

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