

# CERTIFICATE OF ANALYSIS

## MONOCLONAL ANTIBODIES

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### Toxin A (C. difficile) Mouse Monoclonal Antibody

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<b>Code No.</b>	<b>BM346-E4B9</b>
<b>Grade</b>	<b>Affinity Purified</b>
<b>Lot No.</b>	

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#### RECEIVER INFORMATION

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<b>Expiry Date</b>	
<b>Storage Temperature</b>	2-8°C (up to 1 month). Aliquot and store below -15°C (long term)
<b>Storage Notes</b>	Avoid repeat freeze thaw cycles
<b>Shipping Temperature</b>	2-8°C

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#### PRODUCT INFORMATION

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<b>Specificity</b>	Antibody specifically detects Toxin A (C. difficile).
<b>Immunogen</b>	Purified recombinant Toxin A.
<b>Source</b>	Ascites of balb/c mouse.
<b>BBI Clone No.</b>	E4B9
<b>Application</b>	Recommended as the capture antibody in Lateral Flow assays.
<b>Isotype</b>	IgG
<b>Host</b>	Mouse
<b>Purification</b>	Protein G
<b>Presentation</b>	Single homogenous batch, supplied liquid in a PBS buffer, pH7.2 containing 0.1% sodium azide.

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#### HEALTH AND SAFETY

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<b>Application</b>	For in-vitro use and research or further processing only.
<b>Precaution</b>	The product has been labelled T (toxic) under UK regulations: COSHH Sch 1(6) for sodium azide concentration $\geq 0.1\%$ .
<b>Material Safety</b>	For further information and technical details, please download a Safety Data Sheet at <a href="http://www.bbisolutions.com">www.bbisolutions.com</a> or contact your BBI Account Manager.

**ANALYSIS**

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TESTS	SPECIFICATIONS	RESULTS
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**Determination Method:**  
 Protein Concentration by  
 Optical Density at 280nm  
 $E_{(0.1\%, 1cm)} = 1.38$

$\geq 0.5$  mg/ml

mg/ml

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**Purity**

Defined by a major band  $\geq 90\%$  on coomassie stained SDS-PAGE.

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<b>Name:</b>		<b>Position:</b>	
<b>Signed:</b>		<b>Date:</b>	