

# CERTIFICATE OF ANALYSIS

## MONOCLONAL ANTIBODIES

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Human ACTH (Adrenocorticotrophic Hormone) Mouse Monoclonal Antibody

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<b>Code No.</b>	<b>BM445-S5B2</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 Human ACTH 1-39 & 18-39. Does not detect ACTH 1-24.
<b>Immunogen</b>	Human ACTH 18-39
<b>Source</b>	Cell Culture
<b>BBI Solutions Clone No.</b>	S5B2
<b>Application</b>	Recommended as the Capture antibody in sandwich ELISA / ELISA assays.
<b>Isotype</b>	IgG <sub>1k</sub>
<b>Host</b>	Mouse
<b>Purification</b>	Protein A
<b>Presentation</b>	Single homogenous batch, supplied liquid in 0.1M Phosphate Buffer Saline at pH 7.4 containing 0.05% 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>	Potentially hazardous. For specific precautions, see Safety Data Sheet.
<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**

TESTS	SPECIFICATIONS	RESULTS
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**Determination Method:**

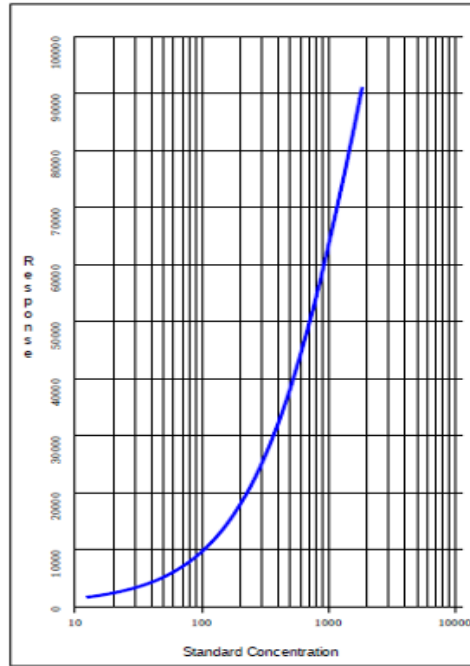
Protein Concentration by  
Optical Density at 280nm  
using  
 $E_{0.1\%,1cm} = 1.45$

$\geq 0.5$  mg/ml

mg/ml

**Sandwich Immunoassay**

An example of a sandwich Immunoassay standard curve performed using BM445-S5B2 as the Capture antibody, showing a dose response from 10-2000 pg/ml.



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