

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

CA15-3 Monoclonal Mouse Antibody

Code No.	BM236-K6A5
Grade	Affinity Purified
Lot No.	

RECEIVER INFORMATION

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

PRODUCT INFORMATION

Reacts with	Human CA15-3 antigen, including BBI Solutions code no. P301-4
Specificity	Minimal cross reactivity with human CA125
Immunogen	Human CA15-3 antigen from human cell line.
BBI Solutions Clone No.	K6A5
Application	Can be used as a detection antibody for CA15-3 ELISA with BBI Solutions mAbs BM236-K2F4 or BM236-V2G9 as the capture antibodies. Can also be used as a capture antibody.
Isotype	IgG _{2bk}
Host	Mouse
Purification	Protein G
Presentation	Single homogenous batch, 0.2µM filtered, supplied liquid in Phosphate Buffer Saline, pH 7.4 with 0.09% sodium azide.
Purity	≥90%

HEALTH AND SAFETY

Application	For in-vitro use and research or further processing only.
Precaution	Potentially hazardous. For specific precautions, see Safety Data Sheet.
Material Safety	For further information and technical details, please download a Safety Data Sheet at www.bbisolutions.com or contact your BBI Account Manager.

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
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Determination Method:

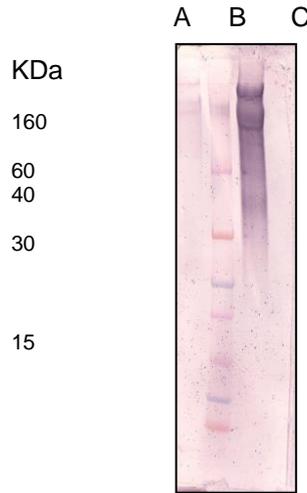
Protein Concentration by Optical Density at 280nm using $E_{0.1\%,1cm} = 1.35$	≥ 0.5 mg/ml	mg/ml
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Western Blot Analysis Reactivity with BBI Solutions P301-4 Lot No.54-188

Fig 1. Western blot analysis of human CA15-3 and reactivity with monoclonal mouse anti CA15-3. (lot 37-201)

Antibody dilutions = 1:10,000

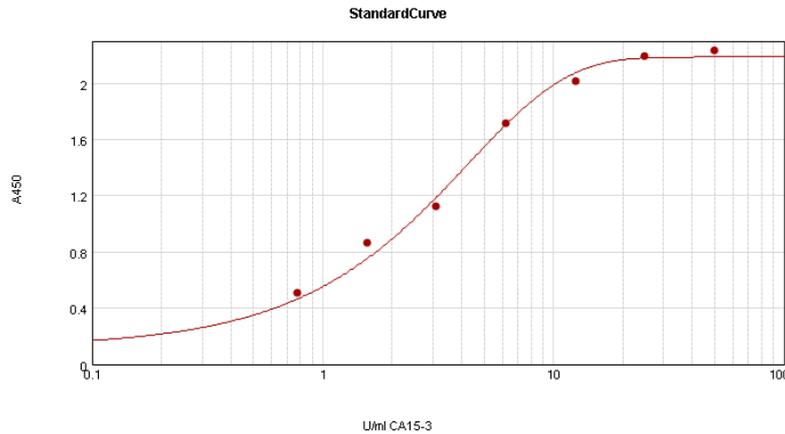
(A) Non-Reduced CA125
 (B) Novex sharp STD LC5800
 (C) Non-Reduced CA15-3



NB: CA15-3 is a highly glycosylated protein which will run at a range of molecular weights giving a non-defined band.

Sandwich ELISA

Example data showing BM236-K6A5 tested as the detection antibody with BM236-V2G9 used as the capture antibody. BBI Solutions P301-4 was used as the standard.



Name:		Position:	
Signed:		Date:	