

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) 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	IgG2b κ light chain
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, refer to safety data sheet for general precautions. Refer to Material safety data sheet for specific information.

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
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Determination Method:

Protein Concentration by Optical Density at 280nm using $E_{0.1\%,1\text{cm}} = 1.35$	$\geq 0.5 \text{ mg/ml}$	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

KDa

160

60

40

30

15

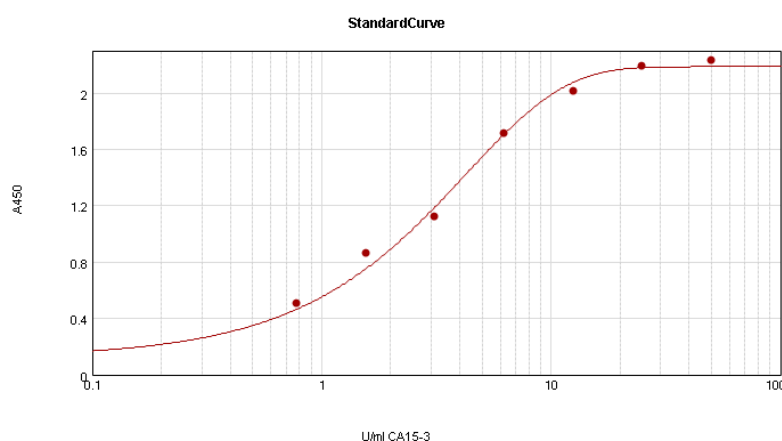
A B C



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:	