

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

CA15-3 monoclonal mouse antibody

Code no.	BM236-V2G9
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.	V2G9
Application	Can be used as a capture antibody for CA15-3 ELISA with BBI Solutions mAb BM236-K6A5 as the detection antibody.
Isotype	IgG _{2b} 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

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
Determination method: Protein Concentration by Optical Density at 280nm using $E_{1\%,1\text{cm}} = 1.35$	$\geq 0.5 \text{ mg/ml}$	mg/ml
Indirect ELISA using antigen coated micro-plates.	Report result.	Pass/Fail

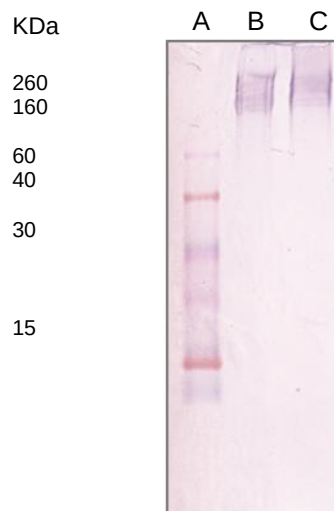
Clone testing (not lot specific)

Western blot analysis An example of the reactivity of a previous Lot of BM236-V2G9 with
BBI Solutions P301-4:lot: 54-188

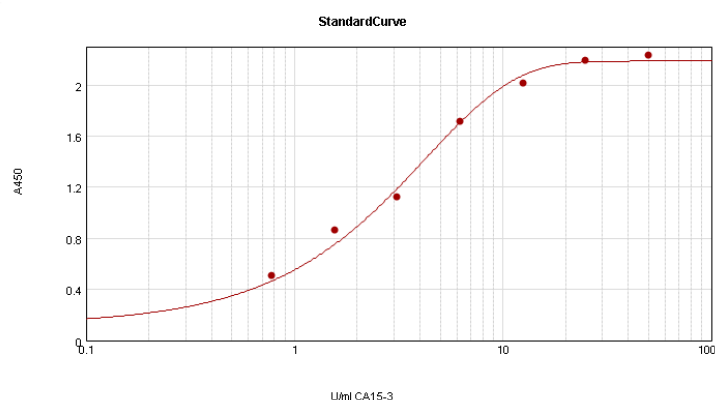
Fig 1. Western blot analysis of human CA15-3 and reactivity with monoclonal mouse anti CA15-3.(lot 39-201)

Antibody dilutions = 1:10,000

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



Sandwich ELISA: BM236-V2G9 example lot 476-201 was used as a capture antibody with BM236-K6A5 used as the detection. BBI Solutions P301-4 was used as the standard.



Name:		Position:	
Signed:		Date:	