

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

CA15-3 monoclonal mouse antibody

Code No.	BM236-K2F4
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.	K2F4.
Application	Can be used as a capture antibody for CA15-3 ELISA with BBI Solutions mAb BM236-K6A5 as the detection antibody. Can also be used as a detection antibody with BM236-V2G9, BM236-K6A5 or BM236-U9H3 as the 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 information sheet for general precautions. Refer to Safety Data Sheet for specific information.

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
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Determination Method:

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

≥ 0.5 mg/ml

mg/ml

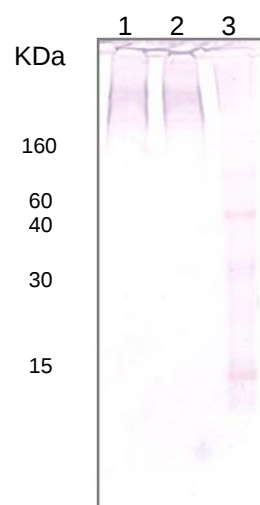
Western Blot

An example of BM236-K2F4 used in western blot against CA15-3 (BBI solutions code P301-4) at a dilution of 1:10000.

Figure 1. Western blot of mouse monoclonal anti CA15-3 against Human CA15-3.

Antibody dilutions = 1:10,000

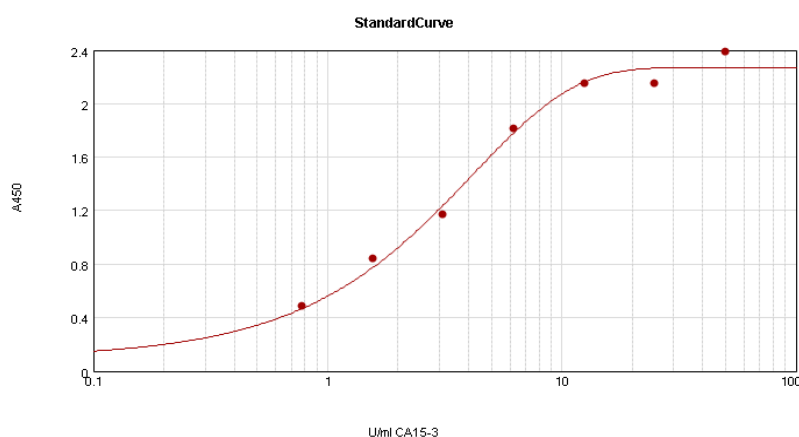
Lane 1 Reduced CA15-3
Lane 2 Reduced CA15-3
Lane 3 Novex sharp STDLC5800



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

Sandwich ELISA

An example of BM236-K2F4 used as a capture antibody with BM236-K6A5 as the detection antibody. BBI Solutions P301-4 was used as the standard.



Name:		Position:	
Signed:		Date:	