

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

Carcino Embryonic Antigen (CEA) Mouse Monoclonal Antibody

Code No.	BM220-D7C6
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

Specificity	Antibody specifically detects human Carcino Embryonic Antigen.
Immunogen	Purified from Carcino Embryonic Antigen.
Source	Cell Culture
BBI Solution's Clone No.	D7C6
Application	Immunoassays: Western Blot and ELISA. Recommended as a detection antibody with either BM220-E1E3 or BM220-P3C5 as the Capture antibody.
Isotype	IgG
Host	Mouse
Purification	Protein G
Presentation	Single homogenous batch, supplied liquid in a PBS buffer, pH7.4, no preservatives added.

HEALTH AND SAFETY

Application	For in-vitro use and research or further processing only.
Precaution	Potentially hazardous.
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
 $E_{0.1\%,1\text{cm}} = 1.35$

≥ 0.5 mg/ml

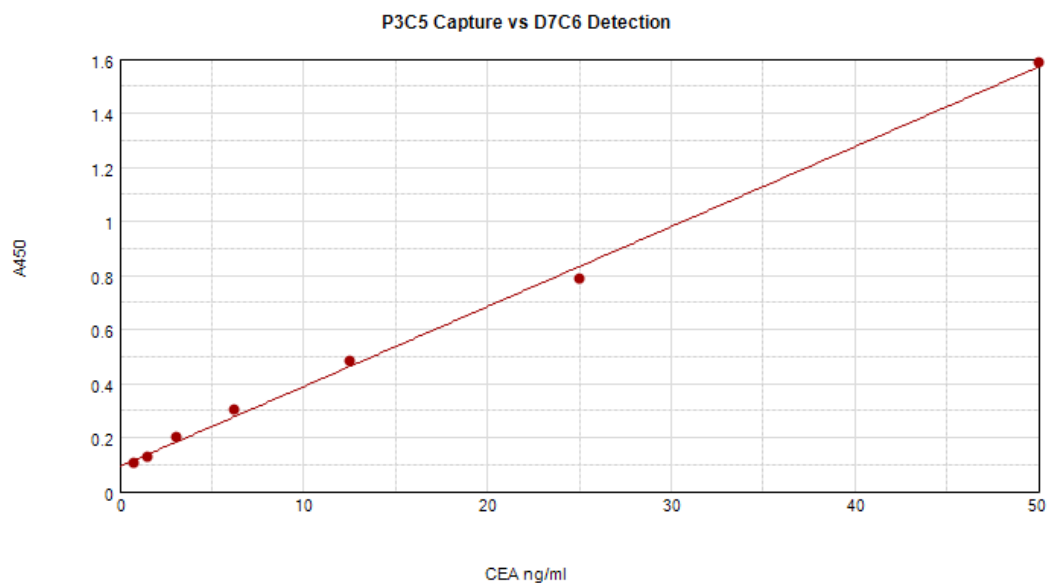
mg/ml

Purity

Defined as $\geq 90\%$ by Capillary Gel Electrophoresis. (CGE)

Sandwich ELISA

An example of CEA mAbs BM220-P3C5 and BM220-D7C6 as a Sandwich pair in ELISA. BM220-P3C5 was used as a capture antibody with BM220-D7C6 used as the detection antibody. BBI Solutions P824-3 was used as a standard for this assay. A constant dose response was observed over a range of 0-50ng/ml.



Name:		Position:	
Signed:		Date:	