

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

Cyfra 21-1 / Cytokeratin 19 Monoclonal Antibody

Code No.	BM328-G1H4
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 detects Human Cytokeratin 19 fragments and Cyfra 21-1
Immunogen	Recombinant Cytokeratin 19
Source	Cell Culture
BBI Solutions Clone No.	G1H4
Application	Recommended as the Detection antibody in Sandwich ELISA using BM328-N2H5 as the Capture antibody
Isotype	IgG1
Host	Mouse
Purification	Protein G
Presentation	Supplied liquid in the following formulation: 2.68 mM KCl, 1.47 mM Potassium phosphate monobasic, 10.14 mM sodium phosphate dibasic, 136.8 mM Sodium chloride, pH7.4, containing 0.09% sodium azide.

HEALTH AND SAFETY

Application	For in-vitro use and research or further processing only.
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

≥0.5 mg/ml

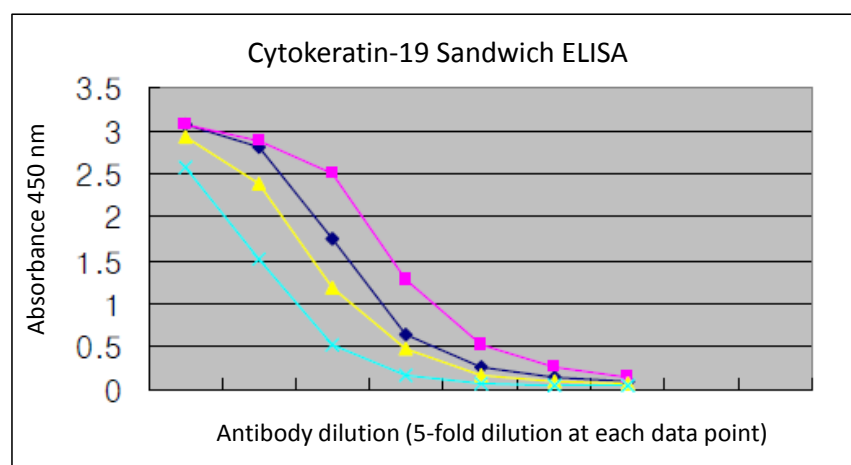
mg/ml

Purity

Defined by a major band >90% using SDS-PAGE.

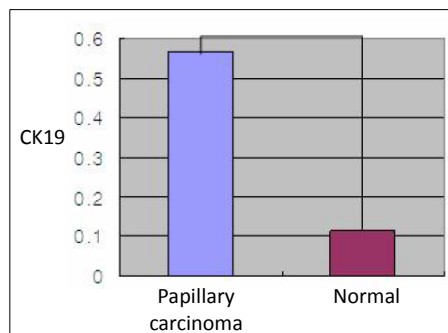
Sandwich ELISA

Example data generated using previous lots of BM328-G1H4

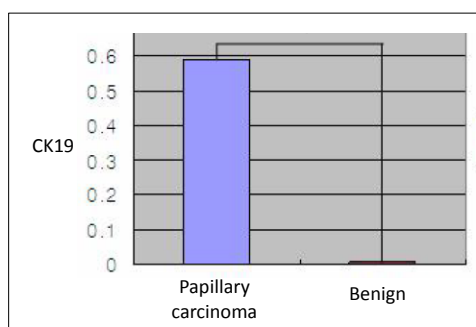


- ◆— BM328-N2H5 as Capture, third party antibody as Detection
- BM328-N2H5 as Capture, BM328-G1H4 as Detection
- ▲— Third party antibody as Capture, BM328-P2C9 as Detection
- *— Commercially available pair

Expression of CK-19 in human thyroid papillary carcinomas and surrounding normal tissue. Average of 9 samples. Antibodies used for Sandwich ELISA were BM328-N2H5 (Capture) and BM328-G1H4 (Detection).



Expression of CK-19 in human thyroid papillary carcinomas (10 samples, averaged) and benign nodules (5 samples, averaged). Antibodies used for Sandwich ELISA were BM328-N2H5 (Capture) and BM328-G1H4 (Detection).



Name:		Position:	
Signed:		Date:	