



Meridian

Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: M01332M **Lot #:** 7K32315

Description: MAb to Cyfra-21-1, Keratin 19
Monoclonal Antibody to Cyfra-21-1 (Human Keratin K19)

Specificity: Keratin 19 (Cyfra-21-1) Cytokeratin 19 Fragment
Reacts with glandular epithelial carcinoma.
Epitope: a.a. 352-368 (VRADSERQNQEYQRLMD) of the α -helical fragment.
Recognizes: Adenocarcinoma, Cholangiocarcinoma of liver, renal cell cancer, transitional cell cancer of the bladder, ovarian cancer, squamous cell cancer of cervix, carcinoid tumor of the bronchus, breast cancer and thymoma.
No reaction with hepatocellular carcinoma. Reacts with the following cell lines: MCF-7, RT 112, Detroit 562, RPMI 2650, HT-29, SSC-12.
Recognizes Keratin 19 in the following species: Human, rat, rabbit, fish and bovine. Does not recognize Keratin 19 in the following species: mouse, woodchuck, chicken, xenopus.

Clone: B1876M

Host Animal: Mouse **Isotype:** IgG_{2b}

Immunogen: Keratin K19 from culture human MCF-7 cells.

Format: Purified, Lyophilized
Reconstitute in 1 mL distilled water.

Purification: Protein A Chromatography

Concentration: 50 μ g/mL (prior to lyophilization).

Buffer: Lyophilized from PBS, pH 7.4 containing 0.5% BSA.

Preservative: 0.09% Sodium Azide

Applications: Suitable for use in ELISA, Western Blot and Immunohistochemistry (frozen). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Recommended antibody pair for sandwich assay:

<u>Capture</u>	<u>Detection</u>
M01326M	M01332M

Storage: Store at 2-8°C.

Warning: This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

Signature

11 December 2015

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY