



Meridian
Life Science, Inc.
Innovative Solutions. Trusted Partner.®

5171 Wilfong Road
Memphis, TN 38134
USA
Telephone: 901-382-8716
Fax: 901-333-8223
Email: info@meridianlifescience.com
www.MeridianLifeScience.com

CERTIFICATE OF ANALYSIS

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

Catalog #: M01246M **Lot #:** 13G18815

Description: MAb to CEA
Monoclonal Antibody to Human Carcinoembryonic Antigen (CEA)

Specificity: CEA, epitope specificity group IVa or II. Does not cross react with human leukocytes in Cytofluorometry.
Staining in Immunohistochemistry:
Brightness 80
Cytoplasmic Staining 3+
Membrane Staining 2+
Background 2+
Staining of Mucus 2+

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Human natural tumor-derived purified CEA antigen.

Format: Purified, Liquid

Purification: > 90% pure (SDS-PAGE). Ion Exchange Chromatography

Concentration: 7.7 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: 10 mM Tris, pH 7.5 containing 0.15 M Sodium Chloride.

Preservative: 0.05% Sodium Azide

Applications: Suitable for use in Immunohistochemistry and ELISA. 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 immunoassay:

<u>Capture</u>	<u>Detection</u>
M01250M	M01246M

Storage: Store at 2-8°C. **DO NOT FREEZE!**

Safety Note(S): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Diana Dineen

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY