

CERTIFICATE OF ANALYSIS

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

Catalog #: MAM02-881 **Lot #:** 16K32110

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

Specificity: Reacts with carcinomas arising from the gastrointestinal site such as colon, stomach and small intestine. Reactivity may also be found in some breast, lung, or ovarian epithelial tumors. CEA is a tumor associated, complex glycoprotein with a molecular weight of 180 kDa.

Host Animal: Mouse **Isotype:** IgG₁, kappa

Source: Ascites

Immunogen: CEA prepared from human colonic adenocarcinoma.

Format: Purified, Liquid **Exp. Date:** 14 MAR 2020

Purification: > 90% pure (SDS-PAGE). Protein A Chromatography
Product is 0.2 µm filtered.

Concentration: 5.63 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: 10 mM Sodium Phosphate, 150 mM Sodium Chloride, pH 7.4.


Preservative: 0.05% Sodium Azide

Applications: Suitable for use in 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 pairs for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
MAM02-009	MAM02-881

Storage: Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Safety Note(s): See appropriate Safety Data Sheet (SDS) for additional information.



Signature

16 March 2018

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY