

CERTIFICATE OF ANALYSIS

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

Catalog #:	MAM02-009	Lot #:	H0848
Description:	MAB to CEA Monoclonal Antibody to Human Carcinoembryonic Antigen (CEA)		
Specificity:	Human Carcinoembryonic Antigen		
Host Animal:	Mouse	Isotype:	IgG ₁ , kappa
Source:	Ascites		
Immunogen:	CEA purified from human tumor.	Exp. Date:	09 JUN 2024
Format:	Purified, Liquid		
Purification:	> 90% pure. Protein A chromatography. Product is 0.2 µm filtered.		
Concentration:	5.2 mg/mL (OD280nm, E ^{0.1%} = 1.4)		
Buffer:	10 mM Phosphate, pH 7.4 containing 150 mM Sodium Chloride.		
Preservative:	0.1% 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	MAM02-007	
	MAM02-009	MAM02-008	
	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):	Refer to the appropriate Safety Data Sheet (SDS) for additional information.		

Beverly D. Orr
Quality Signature

09 June 2022
Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY