

Monoclonal Anti-human Carcinoembryonic Antigen (CEA)

Specification Sheet

Catalog #:	MC021
Lot #:	D4027
Description:	Mab to CEA
Specificity:	This antibody reacts with CEA. There is no cross reactivity with human NCA, hCG and PSA.
Clone:	1E10D3
Host Animal:	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse
Isotype:	IgG1
Source:	Mouse ascites
Immunogen:	CEA purified from CEA culture supernatant
Format:	Purified, liquid
Purification:	DEAE chromatography
Concentration:	5.05 mg/ml (OD280 nm, $E^{0.1\%} = 1.40$)
Affinity Constant:	Not determined
Buffer:	0.015 M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN ₃ , pH7.2
Pairing Assays:	Pairs with MC022, MC023, MC024 and MC025
Purity:	>95% by HPLC and SDS-PAGE
Application:	For CEA quantitative assays by EIA
Storage:	2-8° C for 1 year. Long-term store at -20° C

For research use only