RA Biosources, Inc.

Monoclonal Anti-human Carcinoembryonic Antigen (CEA)

Specification Sheet

Catalog #: MC025

Lot #: 1510

Description: Mab to CEA

Specificity: This antibody reacts with CEA. There is no cross reactivity with human albumin, NCA, NCA-2,

hCG and PSA.

Clone: 2E2H4

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: 5.74 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% NaN₃, pH7.2

Pairing Assays: Pairs with MC021, MC022 and MC023

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

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