



Meridian

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Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

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

Catalog #: H45655M **Lot #:** 3D10718

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

Specificity: Human CEA

Host Animal: Mouse. Hybridization of P3X63-Ag8.653
myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgG₁

Source: Ascites

Immunogen: Purified CEA from pooled tumors.

Format: Purified, Liquid

Purification: Procep A Chromatography

Concentration: 5.71 mg/mL (OD280nm, E^{1%} = 14)

Affinity Constant: 2 x 10⁹

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: For enzyme conjugation, radio-labeling or solid phase immobilization. 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.

Storage: Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Safety Notes (s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Brenda Durr

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY