



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

Mouse Anti Human Carcinoembryonic Antigen (CEA)

Catalog No. MD-16-0013	Species Human	Isotype Mouse IgG ₁
----------------------------------	-------------------------	--

Preparation

Source: Ascites
Immunogen: Purified CEA from pooled tumors
Purification: DEAE chromatography

Specificity

Human CEA

Formulation

Format: Purified, Liquid
Concentration: 4.5mg/ml (OD_{280nm}, E^{1%} = 14)
Affinity Constant: 2 x 10⁹
Buffer: 0.015M Potassium Phosphate buffer, 0.15M Sodium Chloride, pH 7.2.
Preservative: 0.1% Sodium Azide

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.
Centrifuge before opening to ensure complete recovery of vial contents.

Applications

Table Summary of antibody applications and working conditions

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Enzyme Conjugation, Radio-labeling or Solid Phase Immobilization	.			

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**