
Monoclonal Anti- Cancer embryonic antigen, CEA (Capture or Detection Ab)

Catalog# BDA1031

Lot # Check on the product label

Size 1 mg

Isotype IgG1

Clone # C8

Host Mouse

Reactivity

Human

Product Form Liquid

Purification & Buffer

Protein A or G purified and supplied in 0.9% NaCl without preservative.

Purity >95% by HPLC & SDS-PAGE

Immunogen Recombinant CEA protein

Recommend Application

ELISA

Chemiluminescent immunoassay, CLIA

Other applications have not been tested.

The optimal dilutions should be determined by end user.

Matched antibody pair

Capture Ab: Clone # E8 or Clone # C8

Detection Ab: Clone # C8 or Clone # E8

Storage Instruction

Aliquot and store at -20°C for long term (at least one year).

Avoid repeated freeze and thaw cycles.

Background

Carcinoembryonic antigen (CEA) describes a set of highly related glycoproteins involved in cell adhesion. CEA is normally produced in

gastrointestinal tissue during fetal development, but the production stops before birth. Therefore, CEA is usually present only at very low levels in the blood of healthy adults. However, the serum levels are raised in some types of cancer, which means that it can be used as a tumor marker in clinical tests. Serum levels can also be elevated in heavy smokers.

Reference

1. Duffy, Michael J. (2001-04-01). "Carcinoembryonic Antigen as a Marker for Colorectal Cancer: Is It Clinically Useful?". *Clinical Chemistry*. 47 (4): 624 - 630.

FOR RESEARCH USE ONLY, NOT FOR DIAGNOSTIC AND CLINICAL USE.

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