



## Carcinoembryonic Antigen (CEA)

### Catalog number

C1299-87H

### Supplier

United States Biological

Carcinoembryonic antigen (CEA) is synthesized during development in the fetal gut, and is re-expressed in increased amounts in intestinal carcinomas and several other tumors. Anti-CEA is reportedly useful in identifying the origin of various metastatic adenocarcinomas and in distinguishing pulmonary adenocarcinomas (60-70% are CEA+) from pleural mesotheliomas (rarely or weakly CEA+).

### Applications

Suitable for use in ELISA. Other applications not tested.

### Recommended Dilutions

Optimal dilutions to be determined by the researcher.

### Matched Pair

Suitable for use as the capture or solid phase antibody. Matched to C1299-87E, C1299-87F or C1299-87U, C1299-87H as the detection or conjugate (label) antibody. Also suitable for use as the detection or conjugate (label) antibody. Matched to C1299-87F, C1299-87H, C1299-87U as the capture or solid phase antibody.

### Source

Ascites

### Affinity Constant

1x10e9L/mole

### Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

### Immunogen

Carcinoembryonic Antigen purified from human tumor

### Formulation

Supplied as a liquid in PBS, pH 7.4, 0.09% sodium azide.

### Purity

Purified by Protein A affinity chromatography.

### Specificity

Recognizes human Carcinoembryonic Antigen.

**Product Type**

Mab

**Source**

human

**Isotype**

IgG1,k

**Grade**

Affinity Purified

**Applications**

E

**Crossreactivity**

Hu

**Storage**

-20°C