

## Mouse CEA Monoclonal Antibody | anti-CEA antibody

CEA antibody (biotin)

|                              |                      |                                                                        |                              |
|------------------------------|----------------------|------------------------------------------------------------------------|------------------------------|
| CATALOG #<br><b>AAA74843</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Specific for epitope gold group IV (domain A2/B2)</b> | APPLICATIONS<br><b>ELISA</b> |
|------------------------------|----------------------|------------------------------------------------------------------------|------------------------------|

### PRODUCT SYNONYMS

CEA; Monoclonal Antibody; CEA antibody (biotin); Monoclonal CEA (biotin); Anti-CEA (biotin); Carcinoembryonic Antigen (biotin); anti-CEA antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                  |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Mouse                                                                                                                                                            |
| Reactivity                                    | Specific for epitope gold group IV (domain A2/B2)                                                                                                                |
| Clonality                                     | Monoclonal                                                                                                                                                       |
| Isotype                                       | IgG1                                                                                                                                                             |
| Clone Number                                  | M0911042                                                                                                                                                         |
| Form/Format                                   | Supplied in conjugated to Biotin in PBS buffer, pH 7.3 with 0.1 Na Azide                                                                                         |
| Concentration                                 | 3.2 mg/ml (varies by lot)                                                                                                                                        |
| Applicable Applications for anti-CEA antibody | ELISA                                                                                                                                                            |
| Tag/Conjugate                                 | Biotin                                                                                                                                                           |
| Immunogen                                     | purified natural CEA                                                                                                                                             |
| Biohazard Information                         | This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product. |
| Preparation and Storage                       | Store at 4°C.                                                                                                                                                    |

### ADDITIONAL INFORMATION

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| Related Product Information for anti-CEA antibody | Carcinoembryonic antigen (CEA) is a glycoprotein involved in cell adhesion. It is normally produced during fetal development, but the production of CEA stops before birth. Therefore, it is not usually present in the blood of healthy adults, although levels are raised in heavy smokers. CEA is a glycosyl phosphatidyl inositol (GPI)-cell surface anchored glycoprotein whose specialized sialofucosylated glycoforms serve as functional colon carcinoma L-selectin and E-selectin ligands, which may be critical to the metastatic dissemination of colon carcinoma cells. |
| Product Categories/Family for anti-CEA antibody   | Cancer; Conjugated Monoclonal Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cea-antibody-clone-m0911042-elisa/74843>