

anti-CEA 100% CEA Monoclonal Antibody | anti-CEA antibody

CEA antibody

CATALOG # AAA74539	REACTIVITY CEA 100%
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PRODUCT SYNONYMS

CEA; Monoclonal Antibody; CEA antibody; Monoclonal CEA; Anti-CEA; Carcinoembryonic Antigen; anti-CEA antibody

PRODUCT SPECIFICATIONS

Reactivity	CEA 100%
Clonality	Monoclonal
Isotype	IgG1
Clone Number	M85151A
Specificity	Human CEA
Form/Format	Protein A purified, supplied in PBS buffer, pH 7.4 with 0.1% Na Azide
Concentration	2.59mg/ml (varies by lot)
Immunogen	Purified CEA from pooled tumors
Affinity Constant	~1.0 x 10 ⁹ L/M
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.
Biological Significance	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.
Preparation and Storage	4°C short term, or -20°C for long term storage

ADDITIONAL INFORMATION

Related Product Information for anti-CEA antibody	Mouse monoclonal CEA antibody
Product Categories/Family for anti-CEA antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	553222
NCBI GeneID	4680
NCBI Official Full Name	carcinoembryonic antigen, partial
NCBI Official Synonym Full Names	carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen)
NCBI Official Symbol	CEACAM6

NCBI Official Synonym Symbols	NCA; CEAL; CD66c
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 6
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 6
UniProt Gene Name	CEACAM6
UniProt Synonym Gene Names	NCA
UniProt Entry Name	CEAM6_HUMAN

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-m85151a-elisa/74539>