

anti-Human Carcinoembryonic Antigen (CEA) Monoclonal Antibody | anti-CEACAM6 antibody

MAb to CEA

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA57917	Host: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice.Source: Ascites	Human	Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Carcinoembryonic Antigen (CEA); Monoclonal Antibody; MAb to CEA; Monoclonal Antibody to Human Carcinoembryonic Antigen (CEA); anti-CEACAM6 antibody

PRODUCT SPECIFICATIONS

Host	Host: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Specificity	Carcinoembryonic Antigen (CEA) CEA, epitope specificity group I. Does not crossreact with human leukocytes in cytofluorometry. Staining in immunohistochemistry: Brightness - 80 Cytoplasmic staining - 3+ Membrane staining - 2+ Background - 2+ Staining of mucus - 2+
Purity/Purification	>90% pure (SDS-PAGE). Ion exchange chromatography
Form/Format	Purified, Liquid
Concentration	4.5 mg/ml (OD280nm, E ⁰ .1% = 1.4) (varies by lot)
Sequence Length	141
Applicable Applications for anti-CEACAM6 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Human natural tumor-derived purified CEA antigen
Affinity Constant	Not determined
Buffer	10mM Tris, pH 7.5 containing 0.15M Sodium chloride
Preservative	0.05% Sodium azide
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Warnings	This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 - 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.
Preparation and Storage	Store at 2 to 8 degree C. DO NOT FREEZE!

ADDITIONAL INFORMATION

Product Categories/Family for anti-CEACAM6 antibody	Monoclonal Antibodies for Cancer Research
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NCBI AND UNIPROT INFORMATION

NCBI GI #	553222
NCBI GeneID	4680
UniProt Accession #	Q13985; P40199; Q14921; Q14922; Q53XP7
Molecular Weight	15,545 Da
NCBI Official Full Name	carcinoembryonic antigen
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; CEACAM6
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen)
UniProt Protein Name	Carcinoembryonic antigen
UniProt Gene Name	CEA
UniProt Entry Name	Q13985_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://stage.aaabiotech.com/monoclonal/carcinoembryonic-antigen-cea-antibody-immunohistochemistry-elisa/57917>