



Carcinoembryonic antigen (ABT-CEA) Mouse mAb

□□	YP-Ab-17761
□□□	IgG
□□	CEA
□□□□	CEACAM5 CEA
□□	Human;
□□	IHC;WB;IF
□□□	Synthesized peptide derived from human carcinoembryonic antigen(CEA) AA range: 600-702
□□□	This antibody detects endogenous levels of human carcinoembryonic antigen(CEA). Antibody is negative with no cross reaction to BGP or NCA. Heat-induced epitope retrieval (HIER) TRIS-EDTA of pH8.0 was
□□	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
□□	Mouse, Monoclonal/IgG2b, Kappa
□□	IHC-p 1:200-400, WB 1:200-1000. IF 1:50-200
□□□□	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
□□□	77kDa; 77kD(Calculated).
□□	This gene encodes a cell surface glycoprotein that represents the founding member of the carcinoembryonic antigen (CEA) family of proteins. The encoded protein is used as a clinical biomarker for gastrointestinal cancers and may promote tumor development through its role as a cell adhesion molecule. Additionally, the encoded protein may regulate differentiation, apoptosis, and cell polarity. This gene is present in a CEA family gene cluster on chromosome 19. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015],
□□	function:Cell surface glycoprotein that plays a role in cell adhesion and in intracellular signaling. Receptor for E.coli Dr adhesins.,PTM:Complex immunoreactive glycoprotein with a MW of 180 kDa comprising 60% carbohydrate.,similarity:Belongs to the immunoglobulin superfamily. CEA family.,similarity:Contains 7 Ig-like (immunoglobulin-like) domains.,subunit:Homodimer. Binding of E.coli Dr adhesins leads to dissociation of the homodimer.,tissue specificity:Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.,
□□□□	Cell membrane ; Lipid-anchor, GPI-anchor . Apical cell membrane . Cell surface . Localized to the apical glycocalyx surface. .
□□□□	Expressed in columnar epithelial and goblet cells of the colon (at protein level) (PubMed:10436421). Found in adenocarcinomas of endodermally derived digestive system epithelium and fetal colon.



□□	1 mg/ml
□□	-15°C to -25°C/1 year(Do not lower than -25°C)
□□□□□□	Avoid repeated freezing and thawing!
□□□□	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Products Images



