

Monoclonal Mouse Antibody to Human Carcinoembryonic Antigen (CEA)

Catalog #'s:	Mob 008, Mob 008-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	BALB/C mice were injected with the extract of colon carcinoma cells.
Clone:	COL-1
Isotype:	IgG2a, Kappa
Format:	This antibody is supplied as immunoglobulin fraction from mouse ascites fluid containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:200-1:800 with DBS PolyVue Polymer detection system. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM Citrate Buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	This antibody is a member of family of complex antigens which includes non-specific cross-reacting antigens (NCA). This antibody stains specific regions of CEA. It reacts with colorectal adenocarcinomas but does not show any staining with polymorphonuclear neutrophils and erythrocytes.
Positive Control:	Colan Carcinoma
Cellular Localization:	Cytoplasmic and luminal membrane
Other applications:	Immunoprecipitation (1:50), Western Blotting (1:50 to 1:100)
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Albers et al. Am J Pathol 90: 17, 1988. ii) Ellis et al. J Clin Pathol 41: 1064, 1988. iii) Oikawa et al. Biochem Biophys Res Commun 144: 634, 1987. iv) Pfaltz et al. Virchows Arch A 411: 387, 1987.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

DBS

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