

Monoclonal Mouse Antibody to Human Carcinoembryonic Antigen (CEA)

Catalog No.:	PDM 005
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 has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded and acetone fixed cryostat tissue sections. No further titration is required.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature and the use of our PolyVue Polymer detection system. 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 reacts with a highly glycosylated protein of MW 180 kD, synthesized during development in the fetal gut and several tumors. It does not react with normal colon antigen (NCA). It stains the cell surface and cytoplasm of malignant glands in colorectal adenocarcinomas.
Positive Control:	Colon carcinoma
Cellular Localization:	Cytoplasmic, luminal membrane
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Albers et al. Am J Clin 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 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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