

Monoclonal Mouse Antibody to Human CA 19-9

Catalog No.:	Mob 109, Mob 109-05
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:	Human colorectal adenocarcinoma cell line COLO 205.
Clone:	C241:5:1:4
Isotype:	IgG1
Format:	This antibody is supplied as tissue culture supernatant containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. 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 reacts specifically with Sialyl Lewis ^a and recognizes an epitope designated as CA 19-9. It does not cross react with Lewis ^a and Lewis ^b . CA 19-9 has been shown to be a useful marker in the diagnosis and management of gastrointestinal cancers.
Positive Control:	Colon carcinoma
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Haglund et al. Br J Cancer 60: 845, 1989. ii) Johansson et al. Tumor Biol 12: 159, 1991. iii) Kuusela et al. Br J Cancer 63: 636, 1991.

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

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