Monoclonal Mouse Antibody to Human CA 125

Catalog No.:	Mob 110, Mob 110-05
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:	Partially purified human mucin fraction from a pool of cancer tissues of patients with epithelial ovarian cancer.
Clone:	OV185:1
Isotype:	IgG1
Format:	This antibody is supplied as a purified IgG fraction 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. Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.
Specificity:	This antibody reacts specifically with the CA125 ovarian cancer antigen. Several studies have shown that CA125 is a useful tumor marker for ovarian epithelial malignancies. CA125 has been described in other neoplasms such as a seminal vesicle and anaplastic lymphomas.
Positive Control:	Ovarian carcinoma
Cellular Localization:	Extracellular membrane
Storage:	Store at 2-8°C. Do not use it beyond the expiration date stated on the label.
References:	i) Alagoz et al. Gynacol Oncol 53:93, 1994. ii) Franchi et al. Italian J Gynacol Obstet 5: 149, 1993. iii) Marci et al. Gynacol Obstet Invest 37: 143, 1994. iv) Ohmori et al. Pathol Intl 4: 333, 1994.

IVD: For In Vitro Diagnostic Use

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