

Monoclonal Mouse Antibody to Human TAG-72/CA 72-4

Catalog No.:	Mob 289, Mob 289-05
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 purified TAG-72 protein.
Clone:	CC49
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 1:50-1:100 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 is specific to an oncofetal antigen of >1,000 kD known as tumor associated glycoprotein (TAG-72) or CA 72-4. This antibody has been shown to be distinct from B72.3 by reciprocal competition radio-immunoassays and it has a Ka higher than that of B72.3. TAG-72 is expressed in colon, breast, pancreatic, ovarian, lung, and gastric cancer.
Positive Control:	Breast carcinoma
Cellular Localization:	Cytoplasm, cell surface
Storage:	Store at 2-8°C. Do not use it beyond the expiration date stated on the label.
References:	i) Colcher et al. Can Res 48: 4597, 1988. ii) Katari et al. Can Res 50: 4885, 1990. iii) Sheer et al. Can Res 48: 6811, 1988.

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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