

Product datasheet for **DM1043**

TAG72 Mouse Monoclonal Antibody [Clone ID: Y94]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Y94
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on frozen and paraffin sections.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	Reacts with human colorectal carcinoma related protein. The selected monoclonal antibody reacts with frozen and formalin-fixed, paraffin-embedded human colorectal carcinoma tissues, but does not react with normal adult tissues tested such as liver, colon, breast, stomach, lymph node, and kidney. This antibody can detect the presence of the tumor-associated antigen in the serum of patients with colorectal carcinoma, and was shown to react with mucin-like oncofetal pancarcinoma antigen, glycoprotein TAG-72 (MW: 220-400 kDa).
Formulation:	0.01 M PBS, pH 7.0 State: Purified State: Lyophilized
Reconstitution Method:	Double distilled water is recommended to adjust the final concentration to 1.0 mg/ml
Purification:	Protein G affinity chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background: The majority of human adenocarcinomas including colorectal, pancreatic, gastric, ovarian, endometrial, mammary, and non-small cell lung cancer display some cell populations that are positive for TAG72. About 60% of carcinoma patients express TAG72 in their sera. TAG72 is reportedly useful in distinguishing pulmonary adenocarcinomas from pleural mesotheliomas.

Synonyms: CA72-4, CA 72-4, sialy-Tn, Tumor-Associated Glycoprotein 72