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Datasheet for ABIN2744653 **anti-TAG-72 antibody**

Overview

Quantity:	100 µg
Target:	TAG-72
Reactivity:	Human, Rat, Cow, Dog, Hamster
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), ELISA

Product Details

Immunogen:	The membrane-enriched fraction of a human breast carcinoma liver metastasis. Type of Immunogen: Membrane preparation
Clone:	B72-3
Isotype:	IgG1 kappa
Specificity:	Human TAG-72
Purification:	Protein G purified

Target Details

Target:	TAG-72
Alternative Name:	TAG-72 (TAG-72 Products)

Target Details

Background: Name/Gene ID: TAG-72

Synonyms: TAG-72

Application Details

Application Notes: Approved: ELISA, Flo (0.5 - 1 µg/10 x10⁶), IF (1 - 2 µg/mL), IHC, IHC-P (0.5 - 1 µg/mL), IP, WB (0.5 - 1 µg/mL)

Usage: This antibody recognizes an oncofetal antigen of 220 kDa, identified as a tumor-associated glycoprotein (TAG-72) with properties of a mucin. This antibody defines the mucin-carried sialylated-Tn epitope. TAG-72 is usually expressed by adenocarcinomas, but is negative in mesotheliomas. Studies have reported that this antibody has 80 % sensitivity and 93 % specificity for pulmonary adenocarcinoma. Therefore, TAG-72 is a useful marker to distinguish between mesothelioma and adenocarcinoma. However, false positive reactions can occur so results must be interpreted with the utmost caution. This antibody may be useful in the differentiation of non-small cell carcinomas from small cell carcinomas of the lung. The combined use of TAG-72 Ab with a GCDFP-15 Ab is valuable in the diagnosis of apocrine carcinoma. ELISA: Order BSA-free format for coating.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.4, 0.1 mg/mL BSA, 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store at 2°C to 8°C.