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Datasheet for ABIN6297754 **anti-RNMT antibody**

Overview

Quantity:	7 mL
Target:	RNMT
Reactivity:	Human, Rat, Cow, Dog, Hamster
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RNMT antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	Mouse anti-Human/Cow/Dog/Hamster/Rat TAG-72 Antibody [IHC only]
Immunogen:	The membrane-enriched fraction of a human breast carcinoma liver metastasis was used as the immunogen for this TAG-72 antibody.
Specificity:	Cytoplasmic and cell surface
Purification:	The membrane-enriched fraction of a human breast carcinoma liver metastasis was used as the immunogen for this TAG-72 antibody.

Target Details

Target:	RNMT
Alternative Name:	mRNA cap guanine-N7 methyltransferase (RNMT Products)
Background:	Target Description: 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

Target Details

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.

Gene Symbol: tag-72 C25A1.3

Gene ID: 182875

UniProt: [Q9XVS1](#)

Application Details

Application Notes: Prediluted format : incubate for 30 min at RT (2)

Restrictions: For Research Use only

Handling

Buffer: Prediluted in 1X PBS (pH 7.4) with 0.1 mg/mL BSA (US sourced) and 0.05 % sodium azide, For IHC use only

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, -20 °C

Storage Comment: 2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.