Datasheet for ABIN6296897

anti-RNMT antibody

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Overview

Quantity:	100 µg
Target:	RNMT
Reactivity:	Human, Rat, Cow, Dog
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RNMT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Mouse anti-Human/Cow/Dog/Rat TAG-72 Antibody [Sodium Azide Free]
Immunogen:	Purified TAG-72 protein was used as the immunogen for this TAG-72 antibody.
Specificity:	Cytoplasmic and cell surface
Purification:	Purified TAG-72 protein 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: Recognizes an oncofetal antigen of 220 kDa, identified as a tumor-associated glycoprotein (TAG-72) with properties of a mucin. This mAb defines the mucin-carried sialylated-Tn epitope. TAG-72 is usually expressed by adenocarcinomas, but is negative

Target Details

	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 anti-TAG-72 and anti-GCDFP-15 is valuable in the diagnosis of apocrine carcinoma. Gene Symbol: tag-72 C25A1.3
Gene ID:	182875
UniProt:	Q9XVS1

Application Details

Application Notes:	Western blot: 1-2 µg/mL Flow Cytometry: 0.5-1 µg/million cells in 0.1ml Immunofluorescence: 1-2 µg/mL Immunohistochemistry (FFPE): 0.5-1 µg/mL for 30 minutes at RT (1) Prediluted format: incubate for 30 min at RT (2)
Restrictions:	For Research Use only

Handling

Buffer:	In 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.