

[Go to Product page](#)

Datasheet for ABIN6296036 **anti-RNMT antibody**

Overview

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

Product Details

Purpose:	Mouse anti-Human/Cow/Dog/Rat TAG-72 Antibody Cocktail [Sodium Azide Free]
Immunogen:	A membrane-enriched fraction of a human breast carcinoma liver metastasis (B72.3) and purified TAG-72 protein (CC49) were used as the immunogens for this TAG-72 antibody cocktail.
Specificity:	Cytoplasmic and cell surface
Purification:	A membrane-enriched fraction of a human breast carcinoma liver metastasis (B72.3) and purified TAG-72 protein (CC49) were used as the immunogens for this TAG-72 antibody cocktail.

Target Details

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

Target Details

Background:	<p>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 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.</p> <p>Gene Symbol: tag-72 C25A1.3</p>
Gene ID:	182875
UniProt:	Q9XVS1

Application Details

Application Notes:	<p>Flow Cytometry: 0.5-1 µg/million cells in 0.1ml</p> <p>Immunofluorescence: 1-2 µg/mL</p> <p>Immunohistochemistry (FFPE): 0.5-1 µg/mL for 30 minutes at RT (1)</p>
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.