

[Go to Product page](#)

## Datasheet for ABIN6296037 **anti-RNMT antibody**

### Overview

Quantity:	100 µg
Target:	RNMT
Reactivity:	Human, Rat, Cow, Dog, Hamster
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/Hamster/Rat TAG-72 Antibody [Sodium Azide Free]
Immunogen:	A 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:	A 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 ( <a href="#">RNMT Products</a> )
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-

## Target Details

carried sialylated-Tn epitope. TAG72 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, TAG72 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-TAG72 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: 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.