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Datasheet for ABIN6296035 anti-RNMT antibody

Overview

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

Product Details

Purpose:	Mouse anti-Human/Cow/Dog/Rat TAG-72 Antibody Cocktail [IHC only]
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>
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Gene ID:	182875
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UniProt:	Q9XVS1
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Application Details

Application Notes:	Prediluted format : incubate for 30 min at RT (2)
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Restrictions:	For Research Use only
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Handling

Buffer:	Prediluted in 1X PBS with 0.1 mg/mL BSA (US sourced) and 0.05 % sodium azide, For IHC use only
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C,-20 °C
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Storage Comment:	2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.
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