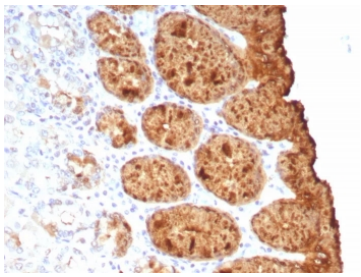
Recombinant TAG-72 Antibody [clone rTAG72/9132] (V5379)

Catalog No.	Formulation	Size
V5379-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5379-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5379SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

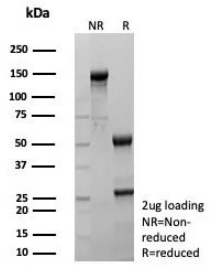
Recombinant MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rTAG72/9132
Purity	Protein A/G affinity
Localization	Cytoplasm, Cell Surface
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant TAG-72 antibody is available for research use only.



IHC staining of FFPE human colon tissue with recombinant TAG-72 antibody (clone rTAG72/9132). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant TAG-72 antibody (clone rTAG72/9132) as confirmation of integrity and purity.

Description

Recognizes an oncofetal antigen of 220kDa, 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.

Explore our TAG-72 Antibody - Tumor Associated Glycoprotein and Carcinoma Marker page for a broader view of TAG-72 expression across epithelial cancers and tumor-associated glycosylation patterns.

Application Notes

Optimal dilution of the recombinant TAG-72 antibody should be determined by the researcher.

Immunogen

A membrane-enriched fraction of a human breast carcinoma liver metastasis was used as the immunogen for the recombinant TAG-72 antibody.

Storage

Aliquot the recombinant TAG-72 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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