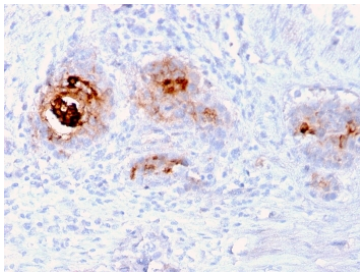
Recombinant TAG-72 Antibody [clone rB72.3] (V7718)

Catalog No.	Formulation	Size
V7718-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7718-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7718SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

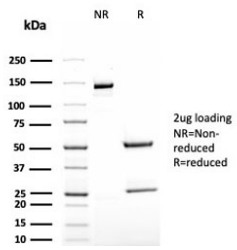
Recombinant MOUSE MONOCLONAL

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	rB72.3
Purity	Protein G affinity chromatography
Gene ID	182875
Localization	Cytoplasmic and cell surface
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This recombinant TAG-72 antibody is available for research use only.



IHC staining of human breast carcinoma with recombinant TAG-72 antibody (clone rB72.3). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant TAG-72 antibody (clone rB72.3) as confirmation of integrity and purity.

Description

This antibody recognizes an oncofetal antigen of 220kDa, identified as a tumor-associated glycoprotein (TAG-72) with properties of a mucin. This antibody 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 TAG-72 Ab with a GCDFP-15 Ab 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

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

Storage

Store the recombinant TAG-72 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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