

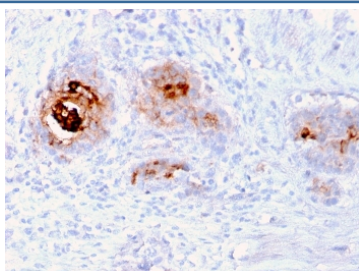
Recombinant TAG-72 Antibody [clone rB72.3] (V7718)

| 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 |

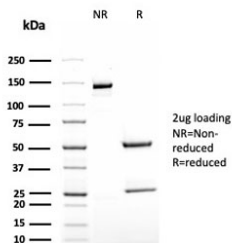
Recombinant **MOUSE MONOCLONAL**

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| | |
|---------------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| 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.

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).