

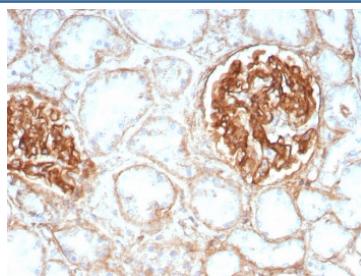
## TAG-72 Antibody [clone TAG72/8317R] (V4072)

| Catalog No.    | Formulation   | Size   |
|----------------|---|--------|
| V4072-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4072-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug  |
| V4072SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                          | 100 ug |

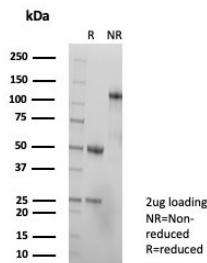
Recombinant **RABBIT MONOCLONAL**

**Bulk quote request**

|                    |   |
|--------------------|---|
| Availability       | 1-3 business days   |
| Species Reactivity | Human   |
| Format             | Purified  |
| Host               | Rabbit  |
| Clonality          | Recombinant Rabbit Monoclonal                               |
| Isotype            | Rabbit IgG, kappa   |
| Clone Name         | TAG72/8317R   |
| Purity             | Protein A/G affinity  |
| UniProt            | Not Known   |
| Localization       | Cytoplasm, Cell surface                                     |
| Applications       | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT |
| Limitations        | This TAG-72 antibody is available for research use only.    |



IHC staining of FFPE human colon carcinoma tissue with TAG-72 antibody (clone TAG72/8317R). 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 TAG-72 antibody (clone TAG72/8317R) 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

## Application Notes

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

## Immunogen

Purified TAG-72 protein was used as the immunogen for the TAG-72 antibody.

## Storage

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