

Rabbit TAG-72/CA72.4 (Tumor-Associated Glycoprotein) Antibody | anti-TAG-72/CA72.4 antibody

TAG-72/CA72.4 (Tumor-Associated Glycoprotein)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214929	Rabbit	Human, Cow, Dog, Hamster, Rat	Immunohistochemistry

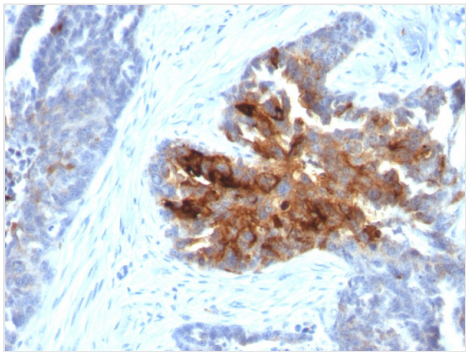
PRODUCT SYNONYMS

TAG-72/CA72.4 (Tumor-Associated Glycoprotein); CA72.4; Tumor associated glycoprotein 72; anti-TAG-72/CA72.4 antibody

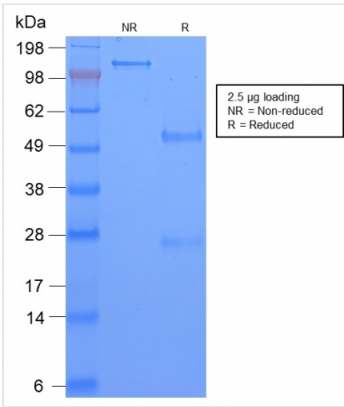
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Cow, Dog, Hamster, Rat
Isotype	IgG
Clone Number	CA72/2869R
Specificity	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 apocrine carcinoma.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Applicable Applications for anti-TAG-72/CA72.4 antibody	IHC (Immunohistochemistry)
Positive Control	Jurkat cells, Breast or lung carcinoma.
Immunogen	Purified TAG-72 protein
Cellular Localization	Cytoplasmic and Cell Surface
Antibody Type	Recombinant Rabbit Monoclonal Antibody
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed, paraffin-embedded human Ovary stained with TAG-72 Rabbit Recombinant Monoclonal Antibody (CA72/2869R).



SDS-PAGE
SDS-PAGE Analysis Purified TAG-72 Rabbit Recombinant Monoclonal Antibody (CA72/2869R). Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

References	1. Lottich SC et. al. Breast Cancer Research and Treatment, 1985, 6(1):49-56. 2. Thor A et. al. Cancer Research, 1986, 46(6):3118-24
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	182875
Molecular Weight	220kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.