Anti-TAG72 Antibody (Rhodamine)

Product Number: AC12-0033-20

Overview

Host Species: Mouse
Clonality: Monoclonal (CA72/733)
Purity: Antibody is purified from bioreactor concentrate by Protein A/G. The antibody is then conjugated to the fluorescent dye rhodamine.
Isotype: IgG1, kappa
Conjugate: Rhodamine

Immunogen Type: Anti-TAG72 antibody (Rhodamine) was raised against recombinant human TAG-72 protein.

Physical Characteristics

Amount: 0.05 mg
Concentration: 1 mg/ml
Volume: 0.05 ml
Buffer: Antibody is purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS at 1.0mg/ml.
Storage: Antibody should be aliquoted and stored at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Specificity

Species Reactivity: Human, Rat, Dog, Cow
Specificity: Anti-TAG72 antibody 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

Target Information

Application Details

Tested Applications: ELISA, WB, IHC, ICC, IF, IP, FC
ELISA: For coating an ELISA plate, order antibody without BSA.
Western Blot: Recommended starting concentration for western blot is 0.5-1.0 ug/ml.

Immunohistochemistry: Recommended starting concentration for immunohistochemistry is 0.5-1.0 ug/ml for 30 minutes at RT with frozen, formalin-fixed tissues (No pretreatment is required for staining of formalin-fixed, paraffin-embedded tissues).

Immunocytochemistry: Recommended starting concentration for immunocytochemistry is 0.5-1.0 ug/ml for 30 minutes at RT with frozen, formalin-fixed tissues (No pretreatment is required for staining of formalin-fixed, paraffin-embedded tissues).

Immunofluorescence: Recommended starting concentration for immunofluorescence is 1.0-2.0 ug/ml.
Flow Cytometry: 0.5-1.0 ug antibody (Rhodamine)/million cells

Immunoprecipitation: 1.0-2.0 ug antibody (Rhodamine)/500 ug protein lysate

Product Images