



PRODUCT DATA SHEET

Bioworld Technology, Inc.

TUBG2 polyclonal antibody

Catalog: BS33591

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Tubulin gamma-2 chain: Tubulin is the major constituent of microtubules, protein filaments consisting of alpha- and beta-tubulin heterodimers. Gamma-tubulin is a key component of the gamma-tubulin ring complex (gTuRC) which mediates microtubule nucleation. The gTuRC regulates the minus-end nucleation of alpha-beta tubulin heterodimers that grow into microtubule protofilaments, a critical step in centrosome duplication and spindle formation.

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~51.1 kDa

Swiss-Prot:

Q9NRH3

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of TUBG2 protein

DATA:

Western blot analysis of PCNA expression in mouse spleen (A), K562 (B), C6 (C) whole cell lysates.

Immunofluorescent analysis of PCNA staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

Note:

For research use only, not for use in diagnostic procedure.

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