Gamma-Tubulin Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_001061.2

Catalog No. A302-630A GeneID 7283

Lot No. A302-630A-1

APPLICATIONS IP

SPECIES REACTIVITY Human

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, X. laevis,

Bovine and Dog

AMOUNT 100 μl

CONCENTRATION 1000 μg/ml

STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

PRODUCTION Antibody was affinity purified using an epitope specific to Gamma-Tubulin immobilized on solid

PROCEDURES support.

The epitope recognized by A302-630A maps to a region between residue 150 and 200 of human Gamma-Tubulin using the numbering given in entry NP_001061.2 (GeneID 7283). The epitope

is conserved in Gamma 2 Tubulin (GenelD 27175).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4

equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined

experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot Not recommended. Use rabbit anti-Gamma-Tubulin antibody A302-

631A.

Immunoprecipitation $2 - 5 \mu g/mg$ lysate

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020),

Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

ADDITIONAL INFO https://www.bethyl.com/product/A302-630A

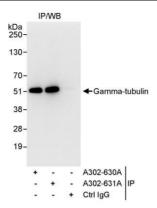
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019





Detection of human Gamma-tubulin by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-Gamma-tubulin antibody A302-630A used for IP at 3 μg/mg lysate. Gamma-tubulin was also immunoprecipitated by rabbit anti-Gamma-tubulin antibody A302-631A, which recognizes a downstream epitope. For blotting immunoprecipitated Gamma-tubulin, A302-631A was used at 0.4 μg/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.