

A9657

Leader in Biomolecular Solutions for Life Science



γ-Tubulin Rabbit mAb

Catalog No.: A9657

Recombinant

3 Publications

Basic Information

Observed MW

49kDa

Calculated MW

51kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

CloneNo number

ARC1684

Background

This gene encodes a member of the tubulin superfamily. The encoded protein localizes to the centrosome where it binds to microtubules as part of a complex referred to as the gamma-tubulin ring complex. The protein mediates microtubule nucleation and is required for microtubule formation and progression of the cell cycle. A pseudogene of this gene is found on chromosome 7.

Recommended Dilutions

WB 1:1000 - 1:6000

IHC-P 1:200 - 1:2000

IF/ICC 1:100 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

7283

Swiss Prot

P23258

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

TUBG; GCP-1; CDCBM4; TUBGCP1; γ-Tubulin

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

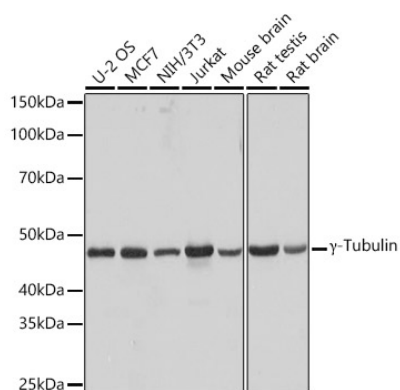
Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Contact



www.abclonal.com

Validation Data



Western blot analysis of various lysates using γ -Tubulin Rabbit mAb (A9657) at 1:1000 dilution.

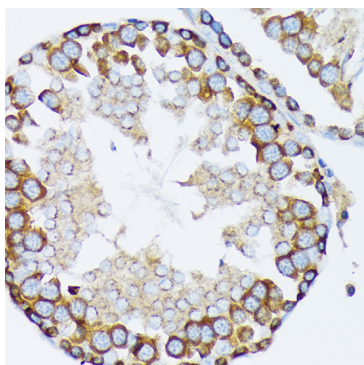
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μ g per lane.

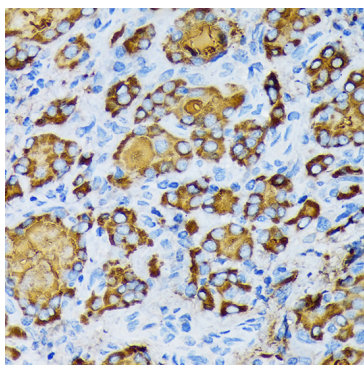
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

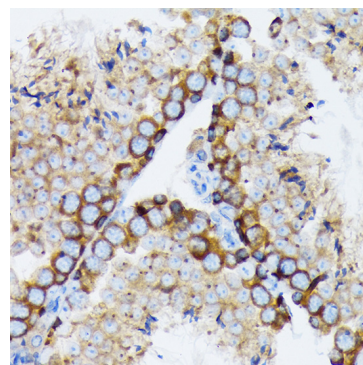
Exposure time: 3s.



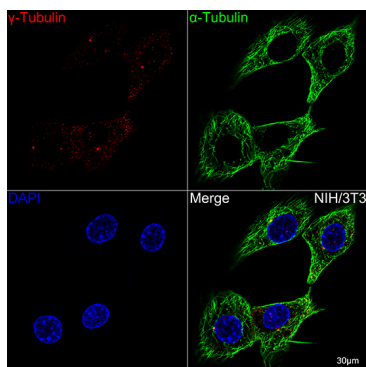
Immunohistochemistry analysis of paraffin-embedded Rat testis using γ -Tubulin Rabbit mAb (A9657) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



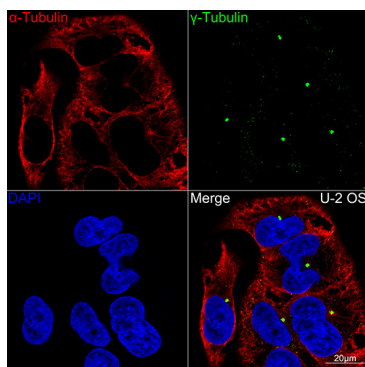
Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer using γ -Tubulin Rabbit mAb (A9657) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis using γ -Tubulin Rabbit mAb (A9657) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of NIH-3T3 cells using γ -Tubulin Rabbit mAb (A9657, dilution 1:100) (Red). The cells were counterstained with Alpha-tubulin (ubiquitous) chain Rabbit mAb (AC039, dilution 1:100) (Green). DAPI was used for nuclear staining (blue). Objective: 60x.



Confocal imaging of U-2OS cells using γ -Tubulin Rabbit mAb (A9657, dilution 1:100) (Green). The cells were counterstained with Alpha-tubulin (ubiquitous) chain Rabbit mAb (AC039, dilution 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 60x.