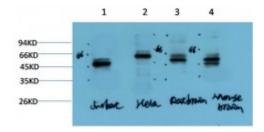


Anti-Gamma Tubulin antibody





| Description | Mouse monoclonal to Gamma Tubulin. | |
|-------------|------------------------------------|--|
| | | |

Model STJ97758

Host Mouse

Reactivity Human, Mouse, Rat

Applications IHC, WB

Immunogen synthetic peptide derived from Gamma Tubulin

Gene ID <u>7283</u>

Gene Symbol <u>TUBG1</u>

Dilution range WB 1:1000-2000IHC 1:100-200

Specificity Gamma Tubulin Mouse Monoclonal Antibody (7B1) detects endogenous

levels of TUBG1

Purification The antibody was affinity-purified from mouse ascites by affinity-

chromatography using specific immunogen.

Clone ID 7B1

Note For Research Use Only (RUO).

Protein Name Tubulin gamma-1 chain Gamma-1-tubulin Gamma-tubulin complex

component 1 GCP-1

Clonality Monoclonal

Conjugation Unconjugated

Isotype IgG1

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Store at -20°C, and avoid repeat freeze-thaw cycles. **Storage Instruction**

Database Links HGNC:12417OMIM:191135

Tubulin gamma-1 chain Gamma-1-tubulin Gamma-tubulin complex **Alternative Names**

component 1 GCP-1

Function Tubulin is the major constituent of microtubules. The gamma chain is found at

> microtubule organizing centers (MTOC) such as the spindle poles or the centrosome. Pericentriolar matrix component that regulates alpha/beta chain minus-end nucleation, centrosome duplication and spindle formation.

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome **Cellular Localization**

Post-translational Phosphorylation at Ser-131 by BRSK1 regulates centrosome duplication, **Modifications**

possibly by mediating relocation of gamma-tubulin and its associated proteins

from the cytoplasm to the centrosome.

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