

Product Name: gamma Tubulin Rabbit Monoclonal Antibody
Catalog #: AMRe03007

Summary

Production Name	gamma Tubulin Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Human,Mouse,Rat,Hamster

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	TUBG1
Alternative Names	TUBG1; TUBG; Tubulin gamma-1 chain; Gamma-1-tubulin; Gamma-tubulin complex component 1; GCP-1
Gene ID	7283
SwissProt ID	P23258.

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 51 kDa; Observed MW: 51 kDa

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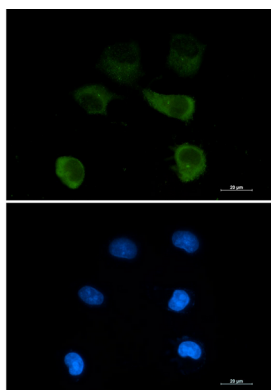
Background

TUBG1 Tubulin is the major constituent of microtubules. Gamma tubulin is found at microtubule organizing centers (MTOC) such as the spindle poles or the centrosome. Pericentriolar matrix component that regulates alpha/beta tubulin minus-end nucleation, centrosome duplication and spindle formation. Interacts with GCP2 and GCP3. Interacts with B9D2. Interacts with CDK5RAP2;

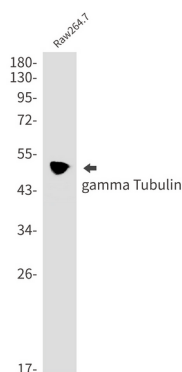
Research Area

Signal Transduction

Image Data

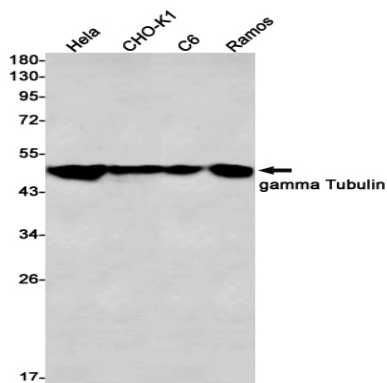


Immunocytochemistry analysis of gamma Tubulin (green) in HEPG2 using gamma Tubulin antibody, and DAPI (blue).



Western blot analysis of gamma Tubulin in Raw264.7 lysates using gamma Tubulin antibody.

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Western blot analysis of gamma Tubulin in HeLa, CHO-K1, C6, Ramos lysates using gamma Tubulin antibody

Note

For research use only.