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**Product Name: gamma Tubulin Mouse Monoclonal Antibody****Catalog #: AMM84948**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide, 0.5% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	IHC 1:50-1:100
<b>Molecular Weight</b>	/

**Antigen Information**

<b>Gene Name</b>	gamma Tubulin
<b>Alternative Names</b>	TUBG1; TUBG; Tubulin gamma-1 chain; Gamma-1-tubulin; Gamma-tubulin complex component 1; GCP-1
<b>Gene ID</b>	7283.0
<b>SwissProt ID</b>	P23258
<b>Immunogen</b>	Synthetic peptide conjugated to KLH.

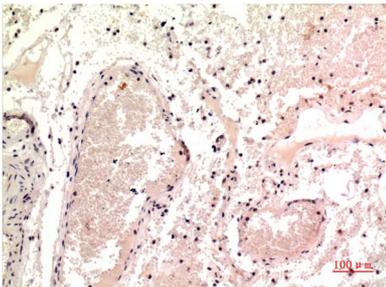
**Background**

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

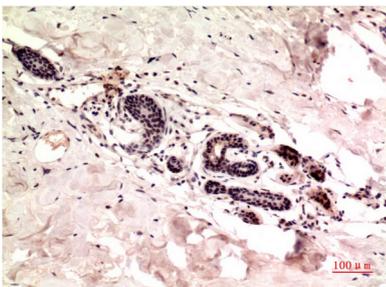
nucleation, centrosome duplication and spindle formation. Interacts with GCP2 and GCP3. Interacts with B9D2. Interacts with CDK5RAP2;

## Research Area

## Image Data



Immunohistochemistry analysis of paraffin-embedded Human Colon Carcinoma Tissue using gamma Tubulin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using gamma Tubulin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.