

# gamma Tubulin antibody

**Cat. No. GTX11317**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Application</b>	WB, ICC/IF
<b>Reactivity</b>	Human, Mouse, Rat, Hamster, Chicken

**Package**  
100 µl

## APPLICATION

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1,000
ICC/IF	1:5,000

Not tested in other applications.

<b>Calculated MW</b>	51 kDa. ( <a href="#">Note</a> )
<b>Product Note</b>	Anti-gamma-Tubulin recognizes an epitope located in the N-terminal region of gamma-tubulin (amino acids 38-53). Staining of gamma-tubulin (48 kDa) by immunoblotting is specifically inhibited with gamma-tubulin peptide (human, amino acids 38-53 with C-terminally added lysine).

## PROPERTIES

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	15mM Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	Batch dependent (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	synthetic peptide corresponding to the N-terminal region of human γ-tubulin (amino acids 38-53, with C-terminally added lysine) conjugated to KLH. This sequence is specific for γ-tubulin and not found in other members of the tubulin family such as α- β-, δ and ε- tubulins. This sequence is identical in mouse and rat γ-tubulin and highly conserved among species (Drosophila, Aspergillus, and yeast γ-tubulin).
<b>Purification</b>	IgG fraction
<b>Conjugation</b>	Unconjugated



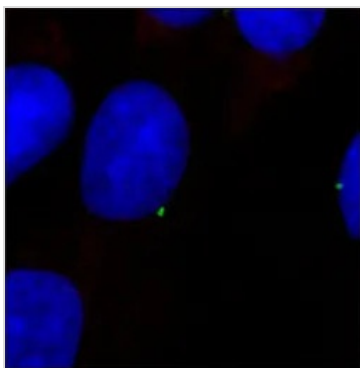
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## Note

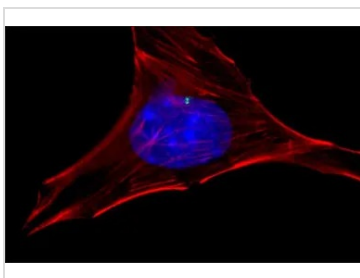
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## DATA IMAGES



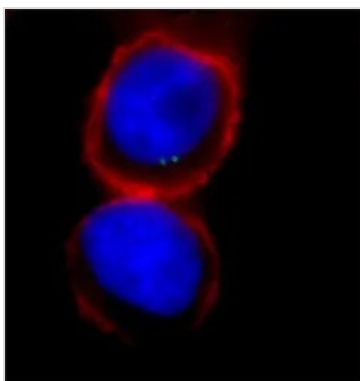
### GTx11317 ICC/IF Image

ICC/IF analysis of Rat2 cells using GTx11317 gamma Tubulin antibody at 1:1500(green) with DAPI(blue).



### GTx11317 ICC/IF Image

ICC/IF analysis of NIH3T3 cells using GTx11317 gamma Tubulin antibody at 1:500 (green).Actin staining with phalloidin rhodamine conjugate(red). Nuclear staining with DAPI(blue).



### GTx11317 ICC/IF Image

ICC/IF analysis of HeLa cells using GTx11317 gamma Tubulin antibody at 1:500(green)..Actin staining with phalloidin rhodamine conjugate(red). Nuclear staining with DAPI(blue).



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