

# Product Datasheet

## gamma Tubulin Antibody (JF0972) NBP2-66860

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-66860**

gamma Tubulin Antibody (JF0972)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	JF0972
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol

**Product Description**

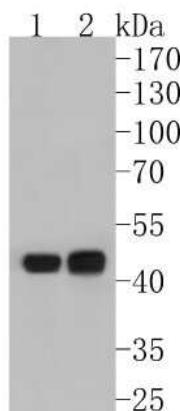
<b>Host</b>	Rabbit
<b>Gene Symbol</b>	TUBG1
<b>Species</b>	Human, Mouse, Rat, Amphibian, Bovine, Canine, Chicken, Fish, Hamster, Monkey, Xenopus
<b>Immunogen</b>	Recombinant protein within Human gamma Tubulin aa 227-407 / 451. (SwissProt: P23258 Human; SwissProt: Q9NRH3 Human; SwissProt: P83887 Mouse; SwissProt: Q8VCK3 Mouse; SwissProt: P83888 Rat; SwissProt: P23330 XenopusLaevis)

**Product Application Details**

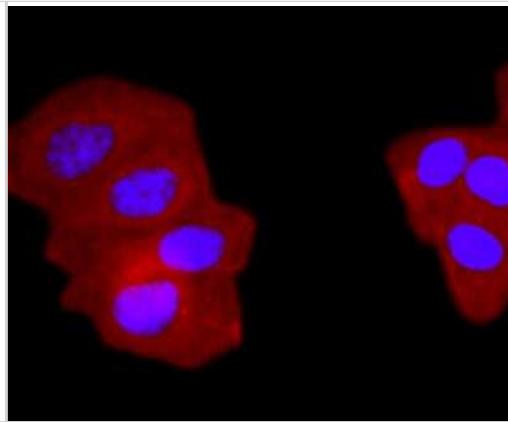
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

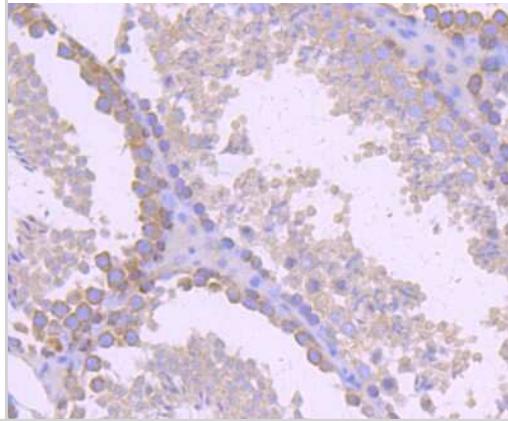
Western Blot: gamma Tubulin Antibody (JF0972) [NBP2-66860] - Western blot analysis of gamma Tubulin on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Jurkat cell lysate Lane 2: A431 cell lysate



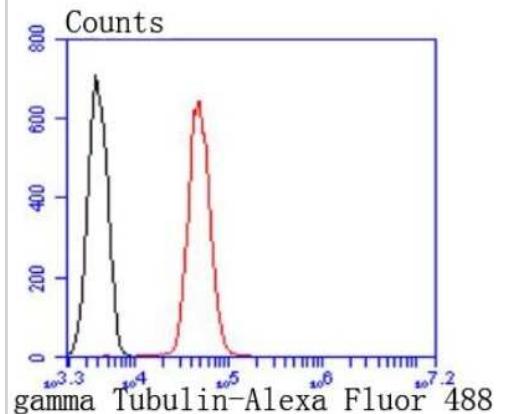
Immunocytochemistry/Immunofluorescence: gamma Tubulin Antibody (JF0972) [NBP2-66860] - Staining gamma Tubulin in MCF-7 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



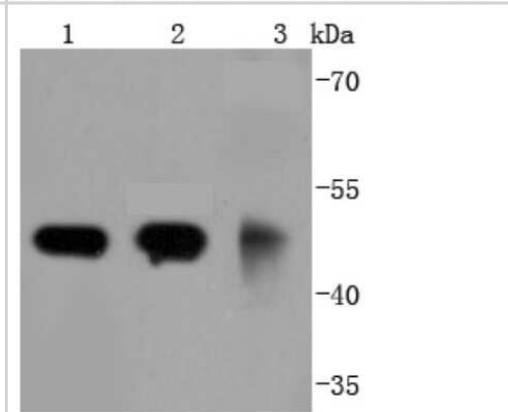
Immunohistochemistry-Paraffin: gamma Tubulin Antibody (JF0972) [NBP2-66860] - Analysis of paraffin-embedded mouse testis tissue using anti-gamma Tubulin antibody. Counter stained with hematoxylin.



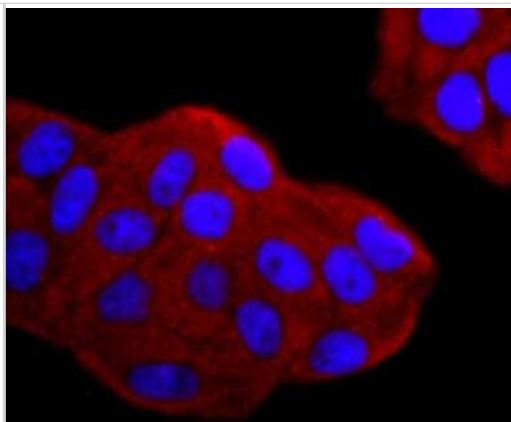
Flow Cytometry: gamma Tubulin Antibody (JF0972) [NBP2-66860] - Flow cytometric analysis of gamma Tubulin was done on Jurkat cells. The cells were fixed, permeabilized and stained with the primary antibody (1/50) (red). After incubation of the primary antibody at room temperature for an hour, the cells were stained with a Alexa Fluor 488-conjugated Goat anti-Rabbit IgG Secondary antibody at 1/1000 dilution for 30 minutes. Unlabeled sample was used as a control (cells without incubation with primary antibody; black).



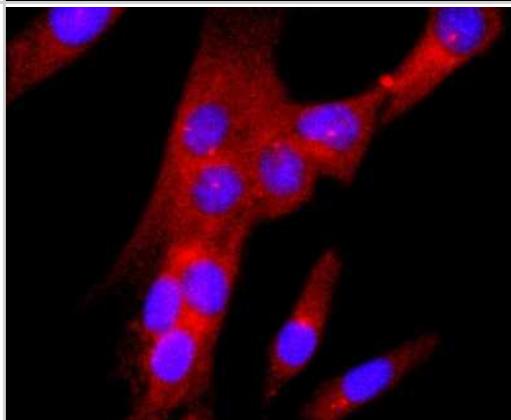
Western Blot: gamma Tubulin Antibody (JF0972) [NBP2-66860] - Analysis of gamma Tubulin on different lysates using anti-gamma Tubulin antibody at 1/1,000 dilution. Positive control: Lane 1: A431 Lane 2: Jurkat Lane 3: Mouse brain



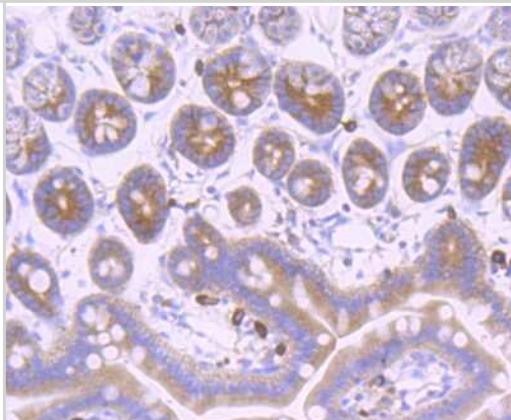
Immunocytochemistry/Immunofluorescence: gamma Tubulin Antibody (JF0972) [NBP2-66860] - Staining gamma Tubulin in HeLa cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



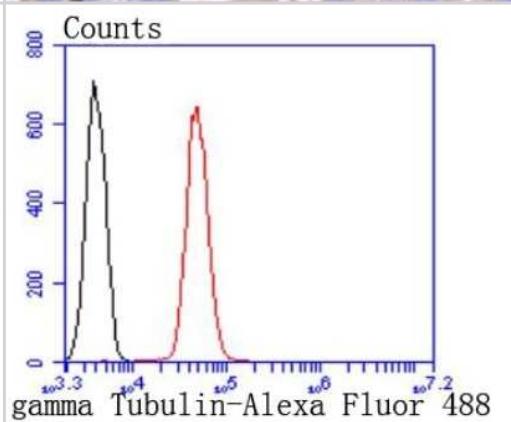
Immunocytochemistry/Immunofluorescence: gamma Tubulin Antibody (JF0972) [NBP2-66860] - Staining gamma Tubulin in SHG-44 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: gamma Tubulin Antibody (JF0972) [NBP2-66860] - Analysis of paraffin-embedded mouse colon tissue using anti-gamma Tubulin antibody. Counter stained with hematoxylin.



Flow Cytometry: gamma Tubulin Antibody (JF0972) [NBP2-66860] - Analysis of Jurkat cells with gamma Tubulin antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.





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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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