

# Product Datasheet

## gamma Tubulin Antibody (4511) - Azide and BSA Free NBP2-43585

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-43585](http://www.novusbio.com/NBP2-43585)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-43585](http://www.novusbio.com/reviews/destination/NBP2-43585)



**NBP2-43585**

gamma Tubulin Antibody (4511) - Azide and BSA Free

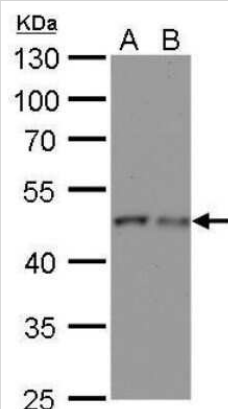
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4511
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	51 kDa

Product Description	
<b>Description</b>	Novus Biologicals Mouse gamma Tubulin Antibody (4511) - Azide and BSA Free (NBP2-43585) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-gamma Tubulin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	7283
<b>Gene Symbol</b>	TUBG1
<b>Species</b>	Human, Mouse, Rat, Drosophila
<b>Reactivity Notes</b>	Xenopus laevis (99%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human gamma Tubulin. The exact sequence is proprietary.

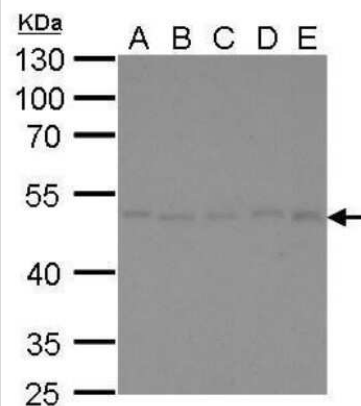
Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry Assay dependent, Immunocytochemistry/ Immunofluorescence 1:100-1:1000
<b>Application Notes</b>	IHC Assay dependent

**Images**

Western Blot: gamma Tubulin Antibody (4511) [NBP2-43585] - Analysis of A. 30 ug PC-12 whole cell lysate/extract B. 30 ug Rat-2 whole cell lysate/extract 10 % SDS-PAGE gamma Tubulin antibody dilution: 1:500.

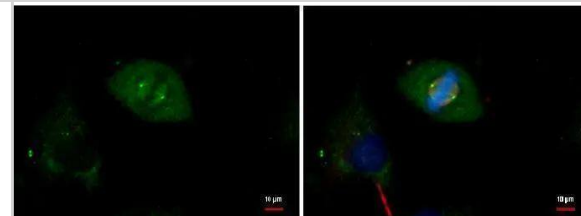


Western Blot: gamma Tubulin Antibody (4511) [NBP2-43585] - Analysis of A. 30 ug Neuro2A whole cell lysate/extract B. 30 ug C8D30 whole cell lysate/extract C. 30 ug NIH-3T3 whole cell lysate/extract D. 30 ug BCL-1 whole cell lysate/extract E. 30 ug C2C12 whole cell lysate/extract 10 % SDS-PAGE gamma Tubulin antibody dilution: 1:500



TUBA1B antibody detects TUBG1 protein at Cytoskeleton by immunofluorescent analysis.

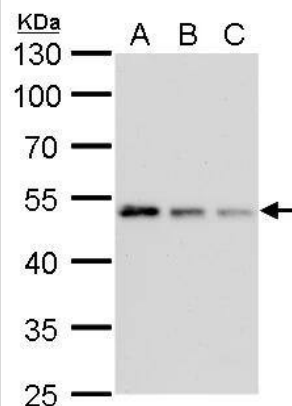
Sample: HeLa cells were fixed in -20C 100% methanol for 5 min.  
Green: TUBG1 protein stained by TUBA1B antibody (NBP2-43585) diluted at 1:500.  
Blue: Hoechst 33342 staining.



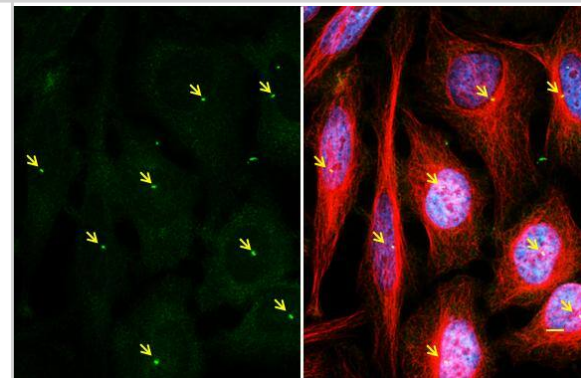
gamma Tubulin antibody [GT4511] detects gamma Tubulin protein by Western blot analysis.

A. 30 ug Jurkat whole cell lysate/extract  
B. 30 ug Raji whole cell lysate/extract  
C. 30 ug NCI-H929 whole cell lysate/extract  
10 % SDS-PAGE

gamma Tubulin antibody [GT4511] (NBP2-43585) dilution: 1:1000



gamma Tubulin antibody [GT4511] detects gamma Tubulin protein at centrosome by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: gamma Tubulin stained by gamma Tubulin antibody [GT4511] (NBP2-43585) diluted at 1:500. Red: alpha Tubulin, stained by alpha Tubulin antibody diluted at 1:500. Blue: Fluoroshield with DAPI .



## Publications

Zhang C, Huang C, Xia H et al. Autophagic sequestration of SQSTM1 disrupts the aggresome formation of ubiquitinated proteins during proteasome inhibition Cell death & disease 2022-07-15 [PMID: 35840557] (ICC/IF, Human)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-43585**

---

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-43585](http://www.novusbio.com/reviews/submit/NBP2-43585)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

