

# Product Datasheet

## TOPORS Antibody (5G11) - Azide and BSA Free H00010210-M01

Unit Size: 0.1 mg

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: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/H00010210-M01](http://www.novusbio.com/H00010210-M01)

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/H00010210-M01](http://www.novusbio.com/reviews/destination/H00010210-M01)



**H00010210-M01**

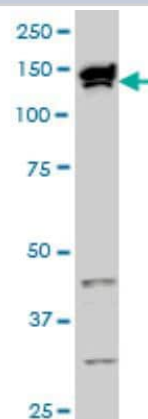
TOPORS Antibody (5G11) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5G11
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse TOPORS Antibody (5G11) - Azide and BSA Free (H00010210-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-TOPORS Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10210
Gene Symbol	TOPORS
Species	Human
Reactivity Notes	Other species not tested.
Specificity/Sensitivity	TOPORS - topoisomerase I binding, arginine/serine-rich
Immunogen	TOPORS (NP_005793, 98 a.a. ~ 205 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. SPDSKCPICLDRFDNVSYLDRCLHKFCFRCVQEWSKNKAECPLCKQPFDSIFH SVRAEDDFKEYVLRPSYNGSFVTPDRRFYRTTLTRERNASVYSPSGPVNRRRTT
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, immunohistochemistry (paraffin), and ELISA.

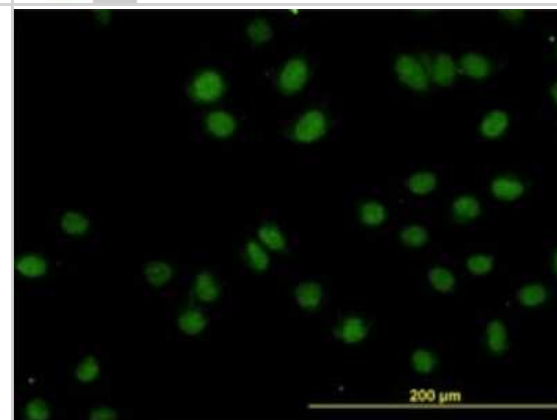


## Images

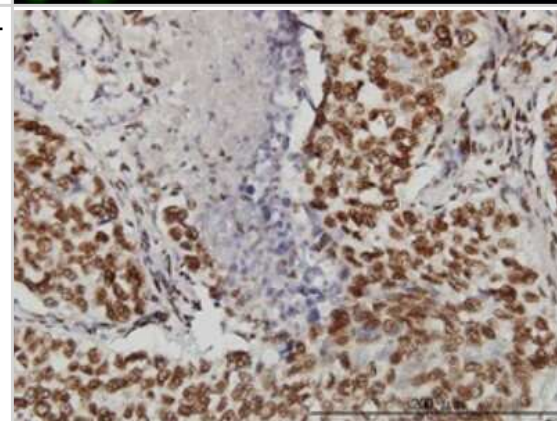
Western Blot: TOPORS Antibody (5G11) [H00010210-M01] - TOPORS expression in HeLa NE ( Cat # L013V3 ).



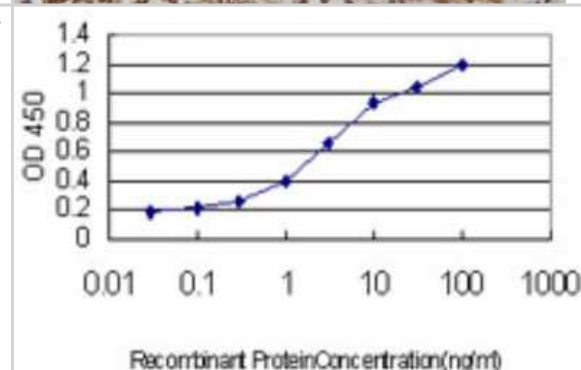
Immunocytochemistry/Immunofluorescence: TOPORS Antibody (5G11) [H00010210-M01] - Analysis of monoclonal antibody to TOPORS on HeLa cell. Antibody concentration 10 ug/ml.



Immunohistochemistry-Paraffin: TOPORS Antibody (5G11) [H00010210-M01] - Analysis of monoclonal antibody to TOPORS on formalin-fixed paraffin-embedded human lung, adenosquamous cell carcinoma. Antibody concentration 3 ug/ml.



ELISA: TOPORS Antibody (5G11) [H00010210-M01] - Detection limit for recombinant GST tagged TOPORS is approximately 0.1ng/ml as a capture antibody.



## Publications

G Hariharasu, SY Jeong, MJ Kim, SM Jung, G Seo, JR Moon, S Lee, IY Chang, Y Kee, HJ You, JH Lee TOPORS-mediated RAD51 SUMOylation facilitates homologous recombination repair Nucleic Acids Research, 2022-02-22;0(0):. 2022-02-22 [PMID: 35061896]

Yang X, Li H, Deng A, Liu X Plk1 phosphorylation of Topors is involved in its degradation. Mol Biol Rep 2010-07-01 [PMID: 19821153] (WB)

Hackbarth JS, Galvez-Peralta M, Dai NT et al. Mitotic Phosphorylation Stimulates DNA Relaxation Activity of Human Topoisomerase I. J Biol Chem;283(24):16711-16722. 2008-01-01 [PMID: 18408216]





### **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 H00010210-M01**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-56069PEP	TOPORS Recombinant Protein Antigen

---

### **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/H00010210-M01](http://www.novusbio.com/reviews/submit/H00010210-M01)

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

