

# Product Datasheet

## TOP2A Antibody (1E2) - Azide and BSA Free H00007153-M01

Unit Size: 0.1 mg

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

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**H00007153-M01**

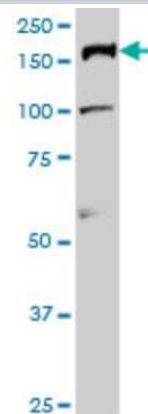
TOP2A Antibody (1E2) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<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>	1E2
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	7153
<b>Gene Symbol</b>	TOP2A
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	TOP2A - topoisomerase (DNA) II alpha 170kDa
<b>Immunogen</b>	TOP2A (NP_001058, 1435 a.a. ~ 1531 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. RAAPKGTKRDPALNSGVSQKPDPAKTKNRRKRKPSTSDSDSNFEKIVSKAVT SKKSKGESDDFHMDFDSA VAPRAKSVRAKKPIKYLEESDEDDL F
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

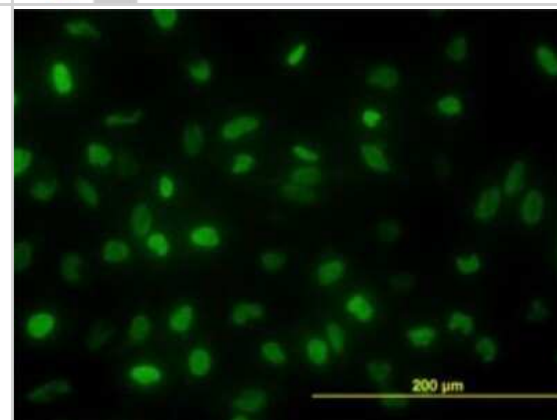


## Images

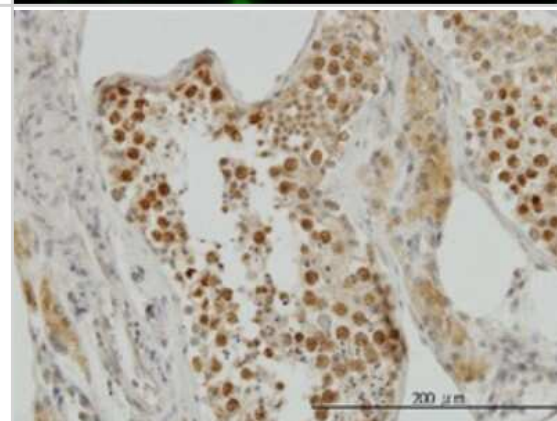
Western Blot: TOP2A Antibody (1E2) [H00007153-M01] - TOP2A monoclonal antibody (M01), clone 1E2 Analysis of TOP2A expression in HeLa S3 NE.



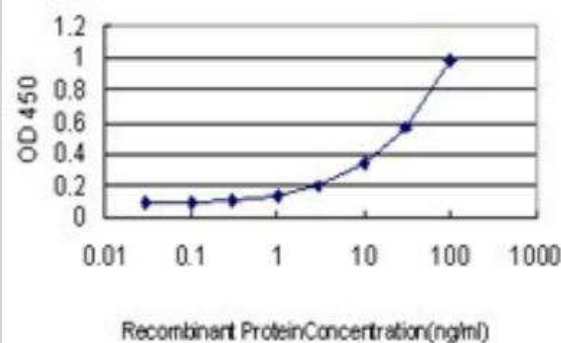
Immunocytochemistry/Immunofluorescence: TOP2A Antibody (1E2) [H00007153-M01] - Analysis of monoclonal antibody to TOP2A on HeLa cell. Antibody concentration 10 ug/ml.



Immunohistochemistry-Paraffin: TOP2A Antibody (1E2) [H00007153-M01] - Analysis of monoclonal antibody to TOP2A on formalin-fixed paraffin-embedded human testis. Antibody concentration 3 ug/ml.



ELISA: TOP2A Antibody (1E2) [H00007153-M01] - Detection limit for recombinant GST tagged TOP2A is approximately 0.3ng/ml as a capture antibody.



## Publications

Poonperm R, Takata H, Hamano T et al. Chromosome Scaffold is a Double-Stranded Assembly of Scaffold Proteins. Sci Rep. 2015-07-03 [PMID: 26132639]



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### Products Related to H00007153-M01

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00007153-Q01-10ug	Recombinant Human TOP2A GST (N-Term) Protein

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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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