

# Product Datasheet

## Geminin Antibody (1A8) - Azide and BSA Free H00051053-M01

Unit Size: 0.1 mg

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

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### Publications: 3

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**H00051053-M01**

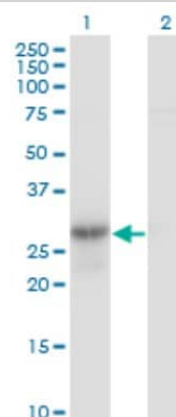
Geminin Antibody (1A8) - Azide and BSA Free

Product Information	
<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>	1A8
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
Product Description	
<b>Description</b>	Novus Biologicals Mouse Geminin Antibody (1A8) - Azide and BSA Free (H00051053-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-Geminin Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	51053
<b>Gene Symbol</b>	GMNN
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	GMNN - geminin, DNA replication inhibitor
<b>Immunogen</b>	GMNN (AAH05185, 110 a.a. ~ 209 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. LYEALKENEKHLHKEIEQKDNEIARLKKENKELAEVAEHVQYMAELIERLNGEPLD NFESLDNQEFDSEEETVEDSLVEDSEIGTCAEGTVSSSTDAKPCI
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Antibody reactive against recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

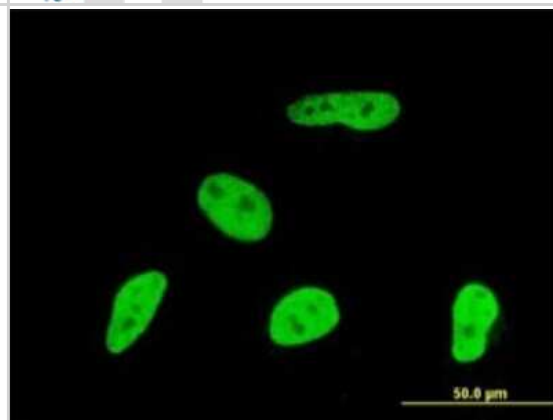


## Images

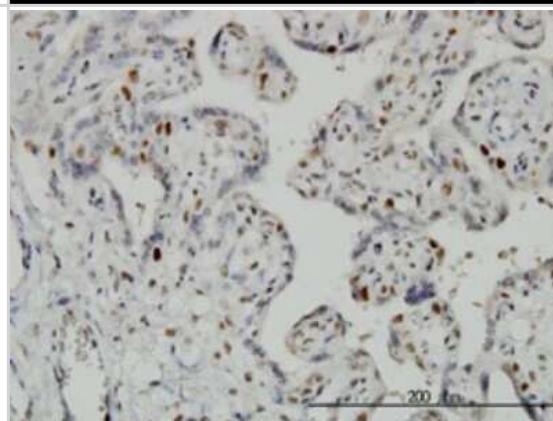
Western Blot: Geminin Antibody (1A8) [H00051053-M01] - Analysis of GMNN expression in transfected 293T cell line by GMNN monoclonal antibody (M01), clone 1A8. Lane 1: GMNN transfected lysate(23.6 KDa). Lane 2: Non-transfected lysate.



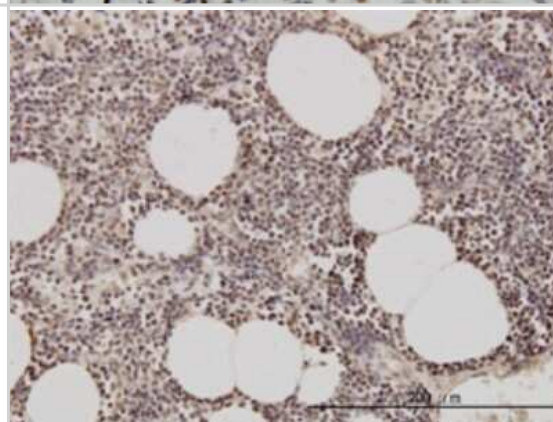
Immunocytochemistry/Immunofluorescence: Geminin Antibody (1A8) [H00051053-M01] - Analysis of monoclonal antibody to GMNN on HeLa cell . Antibody concentration 10 ug/ml.



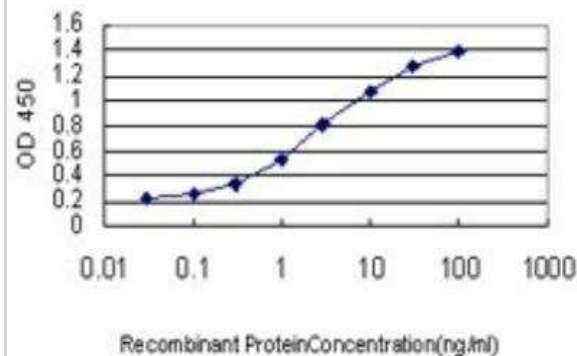
Immunohistochemistry-Paraffin: Geminin Antibody (1A8) [H00051053-M01] - Analysis of monoclonal antibody to GMNN on formalin-fixed paraffin-embedded human placenta. Antibody concentration 1 ug/ml.



Immunohistochemistry-Paraffin: Geminin Antibody (1A8) [H00051053-M01] - Analysis of monoclonal antibody to GMNN on formalin-fixed paraffin-embedded human lymph node. Antibody concentration 3 ug/ml.



ELISA: Geminin Antibody (1A8) [H00051053-M01] - Detection limit for recombinant GST tagged GMNN is approximately 0.03ng/ml as a capture antibody.



## Publications

Averbeck NB, Barent C, Jakob B et al. The Ubiquitin Ligase RNF138 Cooperates with CtIP to Stimulate Resection of Complex DNA Double-Strand Breaks in Human G1-Phase Cells Cells 2022-08-17 [PMID: 36010636] (ICC/IF, Human)

Nacson J, Kraiss JJ, Bernhardt AJ et al. BRCA1 Mutation-Specific Responses to 53BP1 Loss-Induced Homologous Recombination and PARP Inhibitor Resistance. Cell Rep 2018-09-25 [PMID: 30257212]

Wang Y, Bernhardt AJ, Cruz C et al. The BRCA1-delta11q Alternative Splice Isoform Bypasses Germline Mutations and Promotes Therapeutic Resistance to PARP Inhibition and Cisplatin Cancer Res 2016-05-15 [PMID: 27197267]



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### **Products Related to H00051053-M01**

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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]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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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