

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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H00051053-M01

Geminin Antibody (1A8) - Azide and BSA Free

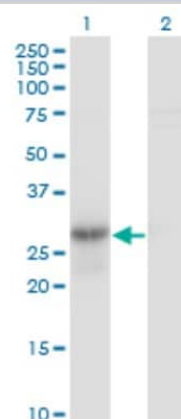
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1A8
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Host	Mouse
Gene ID	51053
Gene Symbol	GMNN
Species	Human
Specificity/Sensitivity	GMNN - geminin, DNA replication inhibitor
Immunogen	GMNN (AAH05185, 110 a.a. ~ 209 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. LYEALKENEKLHKEIEQKDNEIARLKKENKELAEVAEHVQYMAELIERLNGEPLD NFESLDNQEFDSSEETVEDSLVEDSEIGTCAEGTVSSSTDAKPCI
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

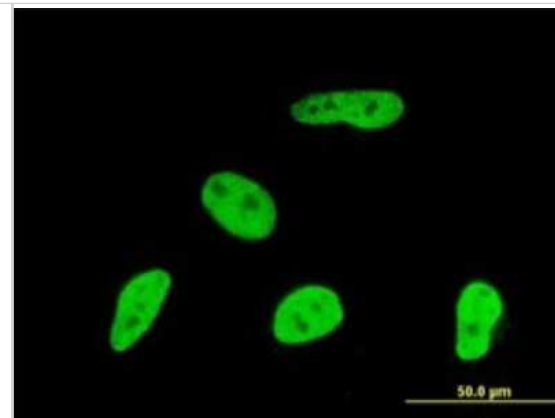
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactive against recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

Images

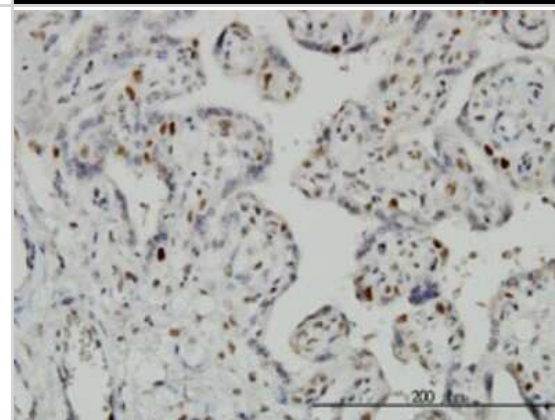
Western Blot: Geminin Antibody (1A8) [H00051053-M01] - Analysis of GMNN expression in transfected 293T cell line by GMNN monoclonal antibody (M01), clone 1A8. Lane 1: GMNN transfected lysate(23.6 KDa). Lane 2: Non-transfected lysate.



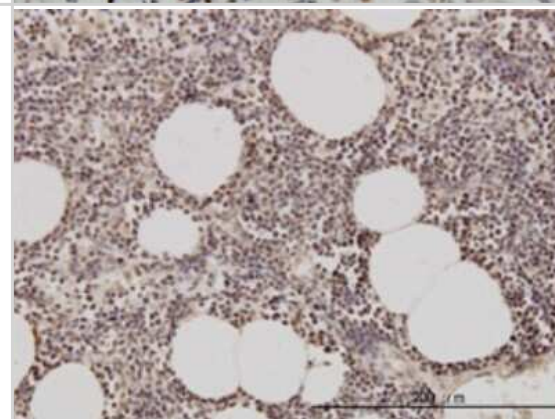
Immunocytochemistry/Immunofluorescence: Geminin Antibody (1A8) [H00051053-M01] - Analysis of monoclonal antibody to GMNN on HeLa cell . Antibody concentration 10 ug/ml.



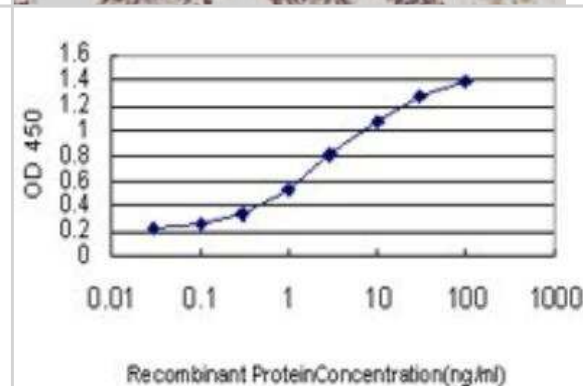
Immunohistochemistry-Paraffin: Geminin Antibody (1A8) [H00051053-M01] - Analysis of monoclonal antibody to GMNN on formalin-fixed paraffin-embedded human placenta. Antibody concentration 1 ug/ml.



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, Krais 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

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)
NBC1-18423	Recombinant Human Geminin His Protein

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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