

## GMNN Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant GMNN.

Catalog # AT2220a

### Product Information

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|--------------------------|--------------------------|
| <b>Application</b>       | WB, IHC, IF, E           |
| <b>Primary Accession</b> | <a href="#">O75496</a>   |
| <b>Other Accession</b>   | <a href="#">BC005185</a> |
| <b>Reactivity</b>        | Human                    |
| <b>Host</b>              | mouse                    |
| <b>Clonality</b>         | monoclonal               |
| <b>Isotype</b>           | IgG1 Kappa               |
| <b>Clone Names</b>       | 1A8                      |
| <b>Calculated MW</b>     | 23565                    |

### Additional Information

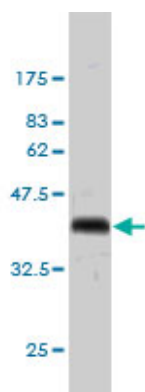
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|---------------------------|--|
| <b>Gene ID</b>            | 51053  |
| <b>Other Names</b>        | Geminin, GMNN  |
| <b>Target/Specificity</b> | GMNN (AAH05185, 110 a.a. ~ 209 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.   |
| <b>Dilution</b>           | WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A  |
| <b>Format</b>             | Clear, colorless solution in phosphate buffered saline, pH 7.2 .   |
| <b>Storage</b>            | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.   |
| <b>Precautions</b>        | GMNN Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures. |

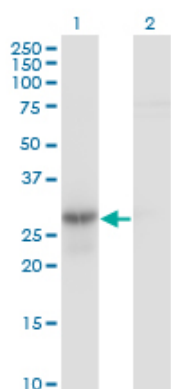
### References

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Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121. Quaternary structure of the human Cdt1-Geminin complex regulates DNA replication licensing. De Marco V, et al. Proc Natl Acad Sci U S A, 2009 Nov 24. PMID 19906994. Selective killing of cancer cells by suppression of geminin activity. Zhu W, et al. Cancer Res, 2009 Jun 1. PMID 19487297. Genetic variants in apoptosis and immunoregulation-related genes are associated with risk of chronic lymphocytic leukemia. Enjuanes A, et al. Cancer Res, 2008 Dec 15. PMID 19074885.

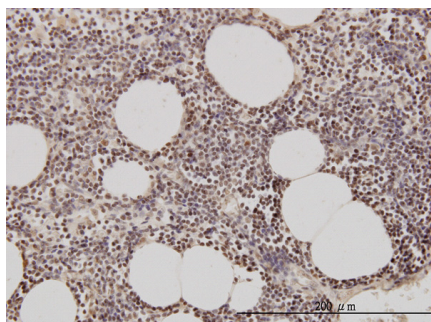


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .

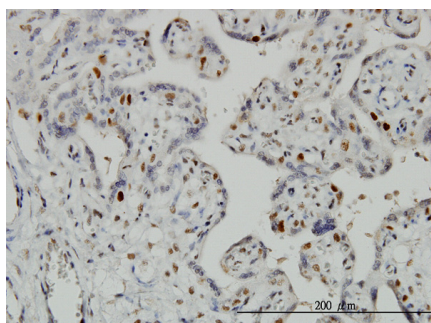


Western Blot analysis of GMNN expression in transfected 293T cell line by GMNN monoclonal antibody (M01), clone 1A8.

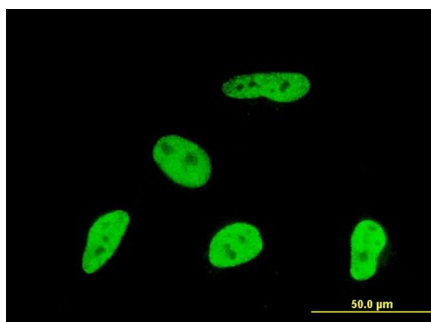
Lane 1: GMNN transfected lysate(23.6 KDa).  
Lane 2: Non-transfected lysate.



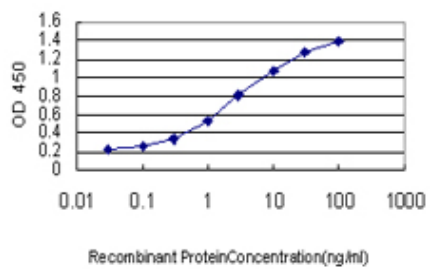
Immunoperoxidase of monoclonal antibody to GMNN on formalin-fixed paraffin-embedded human lymph node. [antibody concentration 3 ug/ml]



Immunoperoxidase of monoclonal antibody to GMNN on formalin-fixed paraffin-embedded human placenta. [antibody concentration 1 ug/ml]



Immunofluorescence of monoclonal antibody to GMNN on HeLa cell . [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged GMNN is approximately 0.03ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.