

Datasheet: VMA00332

BATCH NUMBER 151215

| | |
|----------------------|------------------------|
| Description: | MOUSE ANTI GMNN |
| Specificity: | GMNN |
| Format: | Purified |
| Product Type: | PrecisionAb Monoclonal |
| Isotype: | IgG1 |
| Quantity: | 100 µl |

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|------------------|-----|----|----------------|--------------------|
| Western Blotting | ▪ | | | 1/1000 |

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

| | |
|---------------------------------|--|
| Target Species | Human |
| Product Form | Purified IgG - liquid |
| Preparation | Mouse monoclonal antibody prepared by affinity chromatography on Protein G from tissue culture supernatant |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Immunogen | Recombinant human GMNN |
| External Database Links | UniProt: O75496 Related reagents |

Entrez Gene:[51053](#) GMNN [Related reagents](#)

Specificity **Mouse anti Human GMNN antibody** recognizes geminin.

Encoded by the GMNN gene, geminin plays a critical role in cell cycle regulation, inhibiting DNA replication by binding to DNA replication factor Cdt1, preventing the incorporation of minichromosome maintenance proteins into the pre-replication complex. Geminin is expressed during the S and G2 phases of the cell cycle and is degraded by the anaphase-promoting complex during the metaphase-anaphase transition. Increased expression of GMNN may play a role in several malignancies including colon, rectal and breast cancer. Alternatively spliced transcript variants have been observed for GMNN, and two pseudogenes of GMNN are located on the short arm of chromosome 16 (provided by RefSeq, Oct 2011).

Mouse anti Human GMNN antibody detects a band of 30 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti GMNN detects a band of approximately 30 kDa in K562 cell lysates

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee 12 months from date of despatch

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/VMA00332>
Antibody (10040)

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

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Printed on 10 Apr 2024