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Anti-Geminin Antibody (clone 1A8)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17716

Specification

Anti-Geminin Antibody (clone 1A8) - Product Information

Application	**WB, IHC-P, IF, E**
Primary Accession	O75496
Predicted	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1,k**
Calculated MW	**23565**

Anti-Geminin Antibody (clone 1A8) - Additional Information

Gene ID 51053

Alias Symbol	**GMNN**

Other Names
GMNN, Geminin

Target/Specificity
Human Geminin

Reconstitution & Storage
Protein A purified

Precautions
Anti-Geminin Antibody (clone 1A8) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Geminin Antibody (clone 1A8) - Protein Information

Name GMNN

Function
Inhibits DNA replication by preventing the incorporation of MCM complex into pre-replication complex (pre-RC) (PubMed:9635433, PubMed:14993212, PubMed:20129055, PubMed:24064211). It is degraded during the mitotic phase of the cell cycle (PubMed:9635433, PubMed:14993212, PubMed:24064211). Its destruction at the metaphase- anaphase transition permits replication in the succeeding cell cycle (PubMed:<a href="http://www.uniprot.org/citations/9635433"

target="_blank">9635433, PubMed:14993212, PubMed:24064211). Inhibits histone acetyltransferase activity of KAT7/HBO1 in a CDT1-dependent manner, inhibiting histone H4 acetylation and DNA replication licensing (PubMed:20129055). Inhibits the transcriptional activity of a subset of Hox proteins, enrolling them in cell proliferative control (PubMed:22615398).

Cellular Location
Cytoplasm. Nucleus. Note=Mainly cytoplasmic but can be relocalized to the nucleus.

Anti-Geminin Antibody (clone 1A8) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Geminin Antibody (clone 1A8) - Images