

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](http://www.uniprot.org/citations/9635433), PubMed: [14993212](http://www.uniprot.org/citations/14993212), PubMed: [20129055](http://www.uniprot.org/citations/20129055), PubMed: [24064211](http://www.uniprot.org/citations/24064211)). It is degraded during the mitotic phase of the cell cycle (PubMed: [9635433](http://www.uniprot.org/citations/9635433), PubMed: [14993212](http://www.uniprot.org/citations/14993212), PubMed: [24064211](http://www.uniprot.org/citations/24064211)). Its destruction at the metaphase- anaphase transition permits replication in the succeeding cell cycle (PubMed: [9635433](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 Cytometry](#)
- [Cell Culture](#)

Anti-Geminin Antibody (clone 1A8) - Images