

Mouse anti-Human Geminin Monoclonal Antibody | anti-GMNN antibody

Anti-Geminin Antibody (clone 1A8)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162240	Mouse	Human	Western Blot, Immunohistochemistry, Immunofluorescence, ELISA

PRODUCT SYNONYMS

Geminin; Monoclonal Antibody; Anti-Geminin Antibody (clone 1A8); Mouse Monoclonal [clone 2H7] (IgG1) to Human Geminin; GMNN; anti-GMNN antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	1A8
Specificity	Human Geminin
Purity/Purification	Purified from ascites by Protein A
Form/Format	PBS, pH 7.4.
Sequence Length	209
Applicable Applications for anti-GMNN antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Immunogen	GMNN (AAH05185, 110 a.a. ~ 209 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C or lower. Aliquot to avoid repeated freezing and thawing.

IMAGES



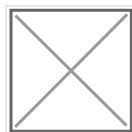
ELISA

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



IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

Anti-GMNN/Geminin antibody IHC of human uterus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 1 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-GMNN antibody	Geminin is a protein that plays a critical role in cell cycleregulation. the encoded protein inhibits DNA replication by binding toDNA replication factor Cdt1, preventing the incorporation ofminichromosome maintenance proteins into the pre-replication complex. The encoded protein is expressed during the S and G2 phases of the cellcycle and is degraded by the anaphase-promoting complex during the metaphase-anaphase transition.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7705682
NCBI GeneID	51053
NCBI Accession #	NP_056979.1
NCBI GenBank Nucleotide #	NM_015895.4
UniProt Accession #	O75496; Q9H1Z1; B3KMM8
Molecular Weight	23,565 Da
NCBI Official Full Name	geminin
NCBI Official Synonym Full Names	geminin, DNA replication inhibitor
NCBI Official Symbol	GMNN
NCBI Official Synonym Symbols	Gem; MGORS6
NCBI Protein Information	geminin
UniProt Protein Name	Geminin
UniProt Gene Name	GMNN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/geminin-antibody-clone-1a8-western-blot-immunohistochemistry-immunofluorescence-elisa/162240>