

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

Geminin antibody

CATALOG # AAA47992	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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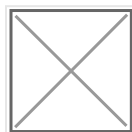
PRODUCT SYNONYMS

Geminin; Monoclonal Antibody; Geminin antibody; GMNN; DNA replication inhibitor; Gem; Geminin DNA replication inhibitor; OTTHuMP00000039393; RP3 369A17.3.; anti-GMNN antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	2H7
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	209
Applicable Applications for anti-GMNN antibody	WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human Geminin (1-209 aa) purified from E. coli
Clone Note	Anti-human Geminin mAb, clone 2H7, is derived from hybridization of mouse SP2/0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human Geminin protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

The K562 cell lysate (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human Geminin (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

ADDITIONAL INFORMATION

Related Product Information for anti-GMNN antibody	Geminin is a 25 kDa protein, which inhibits DNA replication and is degraded during the mitotic phase of the cell cycle. Geminin controls replication by binding to the licensing factor Cdt1, and is involved in neural differentiation. In addition, geminin directly interacts with Six3 and Hox homeodomain proteins during embryogenesis and inhibits their functions.
Product Categories/Family for anti-GMNN antibody	Signal Transduction
References	McGarry T.J. et al., (1998) Cell. 93 (6):1043-53.; Pitulescu M. et al., (2005) Cell Mol Life Sci. 62 (13):1425-33.; Luo L. et al., (2004) Nature. 427 (6976):749-53

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705682
NCBI GeneID	51053
NCBI Accession #	NP_056979
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-2h7-western-blot-elisa/47992>