

Product datasheet for **SM6034**

Geminin (GMNN) Mouse Monoclonal Antibody [Clone ID: 2H7]

Product data:

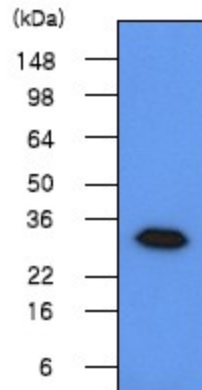
Product Type:	Primary Antibodies
Clone Name:	2H7
Applications:	ELISA, WB
Recommended Dilution:	Western blot (1/500-1/1,000; recommended starting dilution 1/500). ELISA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human Geminin (aa 1-209) purified from <i>E. coli</i>
Specificity:	This antibody is specific for Geminin.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein-G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	geminin, DNA replication inhibitor
Database Link:	Entrez Gene 51053 Human O75496
Background:	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.



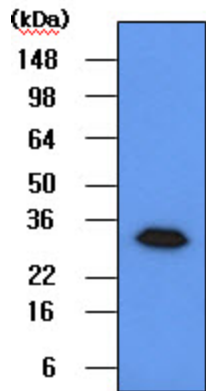
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Synonyms: GMNN

Product images:



Western blot analysis The 293T cell lysates (50 ug) 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.



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