

Product: Anti-Geminin
Catalog #: 01-2463
Amount: 200 µl

CATEGORY: Mouse monoclonal
CLONE DETERMINATION: 2H7
IMMUNOGLOBULIN CLASS: Mouse IgG₁ heavy chain and kappa light chain
FORM: Purified, in PBS, pH 7.4, containing 0.1% sodium azide
IMMUNOGEN: Recombinant human Pin1 (1-163 aa) purified from *E. coli*
PURIFICATION: Protein G affinity chromatography, from ascites
DESCRIPTION/SPECIFICITY: 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.

ANTIGEN RECOGNIZED IN**SPECIES** (tested so far):

Human

APPLICATION (tested so far):

ELISA, Immunoblotting (western, ECL)

WORKING DILUTION:

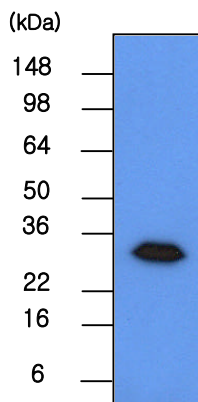
Western Blot: 1:100-1:200

STORAGE:Optimal dilution should be performed by serial dilution
2-8°C for immediate use; or at -20°C (aliquot)

REFERENCES:

McGarry TJ. *et al* (1998) *Cell*. **93**(6):1043-53Pitulescu M. *et al* (2005) *Cell Mol Life Sci*. **62**(13):1425-33Luo L. *et al* (2004) *Nature*. **427**(6976):749-53

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Western blot analysis

The 293T cell lysates(50ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human Geminin (1:100). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

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