

p27 Kip1 Mouse Monoclonal Antibody(1A7)

Catalog TDY1042C TDY1042F

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Quantity 50μL 100μL

Entrez-Gene ID#1027 , Swiss-Prot Acc.#P45627

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB	H, R, M	27KD	IgG1

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.
Store at **-20°C. Do not aliquot the antibody.**

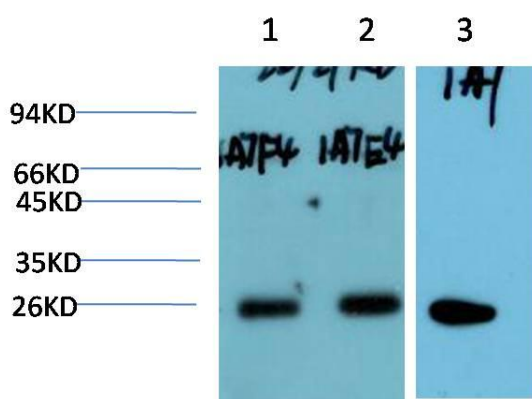
Recommended dilutions: WB: 1:2,000-5,000

Optimal dilutions should be determined by the end user.

Specificity: Antibody can detects endogenous p27 Kip1 protein.

Alternative Names: CDKN1B, CDKN4, Kip1, p27, Cyclin dependent kinase inhibitor 1b

Background: Cyclin dependent kinase inhibitor 1B(CDKN1B) Homo sapiens This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state.



Western blot analysis of 1)MCF7 Cell, 2) HepG2 Cell, 3) C2C12 Cell

Lysate using p27 Kip1 (TDY1042) Mouse Monoclonal mAb diluted at 1:2,000.