



P21 Mouse Monoclonal Antibody(Mix-mA)

Catalog TDY1094C TDY1094F

Tel: 010-80117836

Web: www.tdybio.com

Quantity 50μL 100μL

Entrez-Gene ID#1026 , Swiss-Prot Acc.#P38936

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB	H	21KD	IgG1

Storage Buffer & Condition: Antigen Affinity Purified IgG in 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: 1:1,000-2,000

Optimal dilutions should be determined by the end user.

Specificity: Antibody can detect endogenous P21 protein.

Alternative Names: CDKN1 antibody, CDKI antibody, CDKN1A antibody, MDA 6 antibody, p21 cip1 antibody, p21waf antibody

Background: p21 / WAF1 / CIP1 also known as cyclin-dependent kinase inhibitor 1 or CDK-interacting protein 1 is a protein that in humans is encoded by the *CDKN1A* gene. p21 is a potent cyclin-dependent kinase inhibitor (CKI). The p21 (CIP1/WAF1) protein binds to and inhibits the activity of cyclin-CDK2, -CDK1, and -CDK4/6 complexes, and thus functions as a regulator of cell cycle progression at G₁ and S phase.

Western blot analysis of 293T Cell Lysate using P21 (TDY1094) Mouse

Monoclonal Ab diluted at 1:2,000.