

p21 (PT0237R) PT™ Rabbit mAb

CatalogNo: YM8148 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat,Bovine

Applications

- WB,IHC,IF,IP,ELISA

MW

- 18kD (Calculated)
18kD (Observed)

Isotype

- IgG,Kappa

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Recommended Dilution Ratios

IHC 1:100-1:200**WB 1:1000-1:5000****IF 1:200-1:1000****ELISA 1:5000-1:20000****IP 1:50-1:200,**

Basic Information

Clonality Monoclonal**Clone Number** PT0237R

Immunogen Information

Specificity Endogenous

| Target Information

Gene name CDKN1A CAP20 CDKN1 CIP1 MDA6 PIC1 SDI1 WAF1

Protein Name Cyclin-dependent kinase inhibitor 1

Organism	Gene ID	UniProt ID
Human	1026;	P38936;
Mouse	12575;	P39689;

Cellular Localization Nucleus

Tissue specificity Expressed in all adult tissues, with 5-fold lower levels observed in the brain.

Function Function:May be the important intermediate by which p53 mediates its role as an inhibitor of cellular proliferation in response to DNA damage. Binds to and inhibits cyclin-dependent kinase activity, preventing phosphorylation of critical cyclin-dependent kinase substrates and blocking cell cycle progression.,induction:By p53, mezerein (antileukemic compound) and interferon beta.,PTM:Phosphorylation of Thr-145 by Akt or of Ser-146 by PKC impairs binding to PCNA.,similarity:Belongs to the CDI family.,tissue specificity:Expressed in all adult human tissues, with 5-fold lower levels observed in the brain.,

| Validation Data

| Contact information

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Please scan the QR code to access additional product information:
p21 (PT0237R) PT™
Rabbit mAb

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