

AP1477

Leader in Biomolecular Solutions for Life Science



# Phospho-CDK2-T160 Rabbit mAb

Catalog No.: AP1477 **Recombinant**

## Basic Information

### Observed MW

34kDa

### Calculated MW

34kDa

### Category

Monoclonal Antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human,Rat

### CloneNo number

ARC57166

## Background

This gene encodes a member of a family of serine/threonine protein kinases that participate in cell cycle regulation. The encoded protein is the catalytic subunit of the cyclin-dependent protein kinase complex, which regulates progression through the cell cycle. Activity of this protein is especially critical during the G1 to S phase transition. This protein associates with and regulated by other subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 (CDKN1A), and p27Kip1 (CDKN1B). Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

1017

### Swiss Prot

P24941

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

CDKN2; p33(CDK2)

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

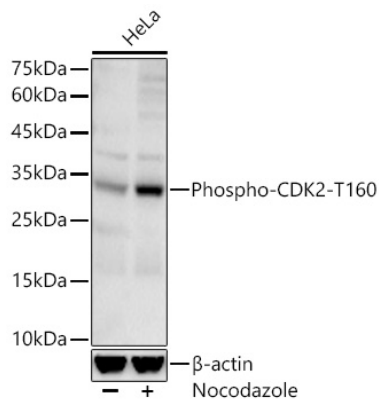
Affinity purification

### Storage

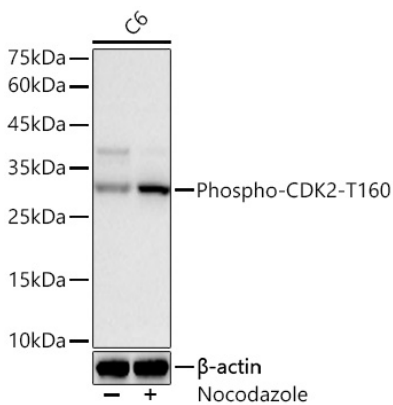
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Western blot analysis of lysates from HeLa cells using Phospho-CDK2-T160 Rabbit mAb (AP1477) at 1:1000 dilution. HeLa cells were treated with Nocodazole (20ng/ml). Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Western blot analysis of lysates from C6 cells using Phospho-CDK2-T160 Rabbit mAb (AP1477) at 1:1000 dilution. C6 cells were treated with Nocodazole (10ng/ml). Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.