

Recombinant

DGRmAb®

## Phospho-CDK2 (Thr14) (DGR33436) Rabbit mAb

db13330

Package : 10µL 20µL 50µL 100µL

**Product Name** : Phospho-CDK2 (Thr14) (DGR33436) Rabbit mAb**Cat.No.:** db13330**Synonyms** : CDKN2; p33(CDK2)**Application** : WB, IHC-P**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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. [provided by RefSeq, Mar 2014]

**Immunogen**

A synthetic phosphopeptide corresponding to residues surrounding Thr14 of human Cdk2

**Gene ID**

1017

**Swiss Prot**

P24941

**Synonyms**

CDKN2; p33(CDK2)

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:200-1:1000

**Calculated MW**

34 kDa

**Observed MW**

34 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

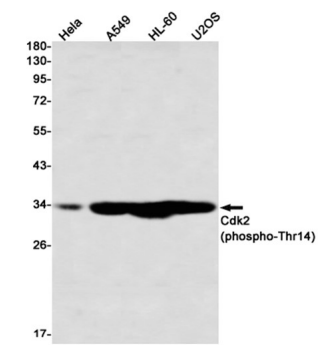
**Clonality No.**

DGR33436

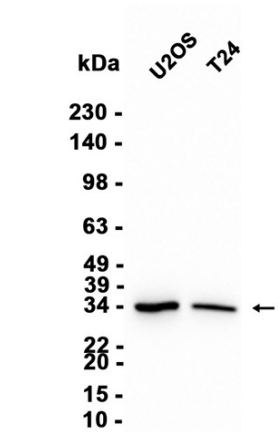
**Isotype**

IgG

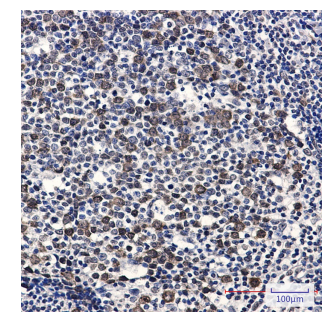
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Cdk2 (phospho-Thr14) in HeLa,A549,HL-60,U2OS using Cdk2 (phospho-Thr14) antibody(1:1000 diluted)



Western blot analysis of extracts from U2OS, T24 cells using db13330 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human tonsil using db13330 antibody.