

Recombinant

DGRmAb®

Phospho-CDK1/2 (Thr14) (DGR31319) Rabbit mAb

db11065

Package : 10μL 20μL 50μL 100μL

Product Name : Phospho-CDK1/2 (Thr14) (DGR31319) Rabbit mAb**Cat.No.:** db11065**Synonyms** : CDKN2; p33(CDK2)**Application** : WB, IHC-P, IP**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 Cdk1/2

Gene ID

1017

Swiss Prot

P06493

Synonyms

CDKN2; p33(CDK2)

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, IP

Recommended dilution

WB: 1:1000
IHC-P: 1:100-1:200
IP: 1:20-1:50

Calculated MW

34 kDa

Observed MW

34 kDa

Host species

Rabbit

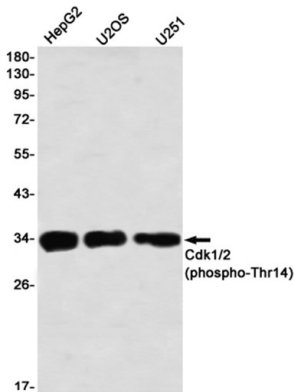
Clonality

Monoclonal

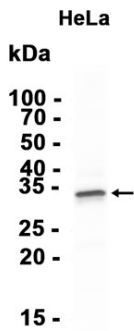
Clonality No.

DGR31319

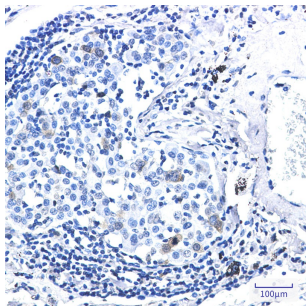
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Cdk1/2 (phospho-Thr14) in HepG2,U2OS,U251 using Cdk1/2 (phospho-Thr14) antibody(1:1000 diluted)



Western blot analysis of extracts from HeLa cells using db11065 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human lung cancer using db11065 antibody.