

Recombinant

DGRmAb®

## CDK2 (DGR11410) Rabbit mAb

db11867

Package : 10µL 20µL 50µL 100µL

**Product Name :** CDK2 (DGR11410) Rabbit mAb**Cat.No.:** db11867**Synonyms :** CDKN2; p33(CDK2)**Application :** WB, IHC-P, ICC/IF, FC, 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 peptide of human Cdk2

**Gene ID**

1017

**Swiss Prot**

P24941

**Synonyms**

CDKN2; p33(CDK2)

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:50

ICC/IF: 1:100-1:200

FC: 1:50-1:100

IP: 1:20-1:50

**Calculated MW**

34 kDa

**Observed MW**

34 kDa

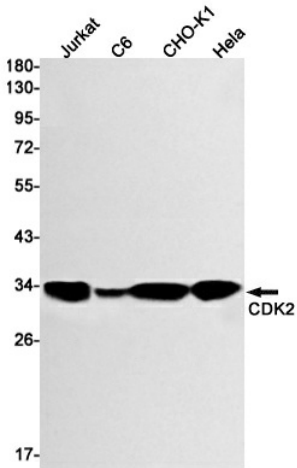
**Host species**

Rabbit

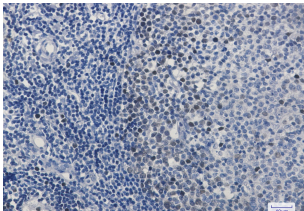
**Clonality**

Monoclonal

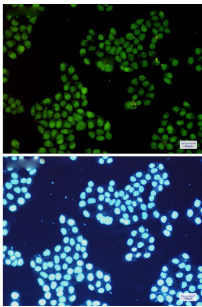
Clonality No.	DGR11410
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of CDK2 in Jurkat,C6,CHO-K1,HeLa cell lysates using CDK2 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human tonsil using db11867 antibody.



Immunofluorescent analysis of HeLa cells using db11867 antibody (green), and DAPI (blue).