

Recombinant

DGRmAb®

**Cyclin H (DGR31141) Rabbit mAb (PBS Only)**

db11236-PBS

Package : 100µg

**Product Name** : Cyclin H (DGR31141) Rabbit mAb (PBS Only)**Cat.No.:** db11236-PBS**Synonyms** : CAK; p34; p37; Cych**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human,Mouse**Host species** : Rabbit**Background**

The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with CDK7 kinase and ring finger protein MAT1. The kinase complex is able to phosphorylate CDK2 and CDC2 kinases, thus functions as a CDK-activating kinase (CAK). This cyclin and its kinase partner are components of TFIIH, as well as RNA polymerase II protein complexes. They participate in two different transcriptional regulation processes, suggesting an important link between basal transcription control and the cell cycle machinery. A pseudogene of this gene is found on chromosome 4. Alternate splicing results in multiple transcript variants.

[provided by RefSeq, Nov 2010]

**Immunogen**

A synthetic peptide of human Cyclin H/p34

**Gene ID**

902

**Swiss Prot**

P51946

**Synonyms**

CAK; p34; p37; Cych

**Reactivity**

Human,Mouse

**Application**

WB, IHC-P, ICC/IF, FC

**Calculated MW**

38 kDa

**Observed MW**

36 kDa

**Host species**

Rabbit

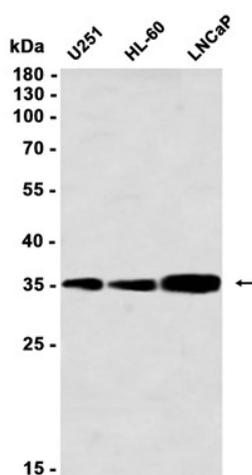
**Clonality**

Monoclonal

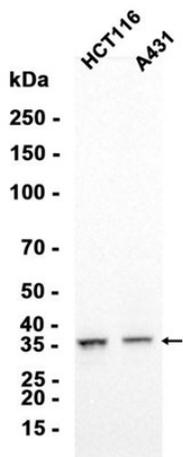
**Clonality No.**

DGR31141

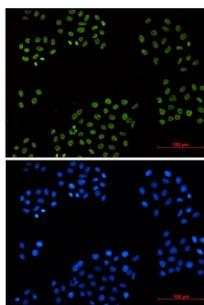
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



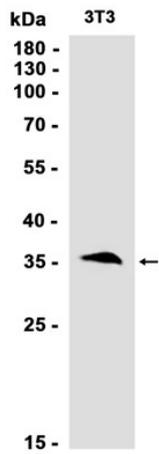
Western blot analysis of extracts from U251, HL-60, LNCaP cells using [db11236](#) at 1:1000.



Western blot analysis of extracts from HCT116, A431 cells using [db11236](#) at 1:1000.



Immunofluorescent analysis of HeLa cells using [db11236](#) antibody (green), and DAPI (blue).



Western blot analysis of extracts from 3T3 cells using [db11236](#) at 1:1000.