Recombinant DGRmAb®

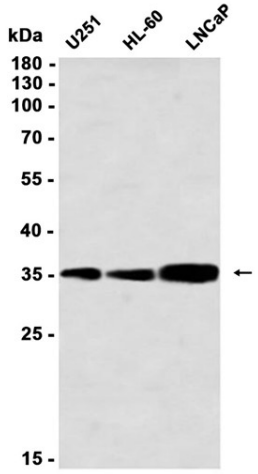
Cyclin H (DGR31141) Rabbit mAb

db11236 **Package : 10μL 20μL 50μL 100μL**

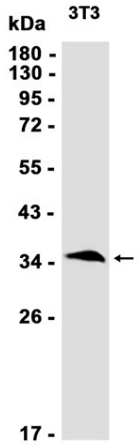
Product Name : Cyclin H (DGR31141) Rabbit mAb
Cat.No.: db11236
Synonyms : CAK; p34; p37; CycH
Application : WB, IHC-P, ICC/IF, FC
Reactivity : Human,Mouse
Host species : Rabbit

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
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:50-1:100 ICC/IF: 1:50-1:100 FC: 1:20
Calculated MW	38 kDa
Observed MW	36 kDa

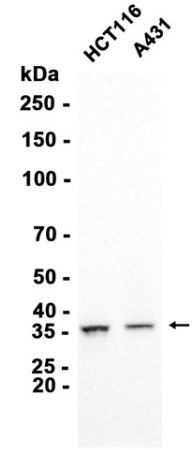
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR31141
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



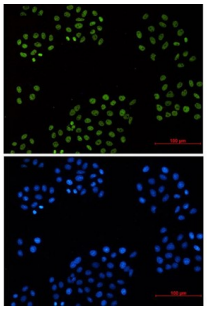
Western blot analysis of extracts from U251, HL-60, LNCaP cells using db11236 at 1:1000.



Western blot analysis of extracts from 3T3 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).