

Recombinant

DGRmAb®

## Cyclin B1 (DGR12283) Rabbit mAb (PBS Only)

db13323-PBS

Package : 10µg 100µg

**Product Name** : Cyclin B1 (DGR12283) Rabbit mAb (PBS Only)

**Cat.No.:** db13323-PBS

**Synonyms** : CCNB

**Application** : WB, IHC-P, ICC/IF, FC, IP

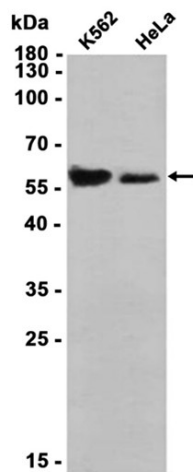
**Reactivity** : Human

**Host species** : Rabbit

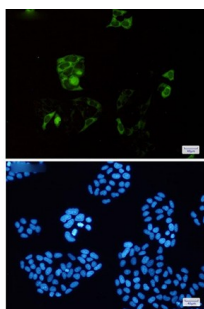
<b>Background</b>	The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). The encoded protein is necessary for proper control of the G2/M transition phase of the cell cycle. [provided by RefSeq, Aug 2017]
<b>Immunogen</b>	A synthetic peptide of human Cyclin B1
<b>Gene ID</b>	891
<b>Swiss Prot</b>	P14635
<b>Synonyms</b>	CCNB
<b>Reactivity</b>	Human
<b>Application</b>	WB, IHC-P, ICC/IF, FC, IP
<b>Calculated MW</b>	48 kDa
<b>Observed MW</b>	55 kDa
<b>Host species</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Clonality No.</b>	DGR12283
<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

### Storage Stability

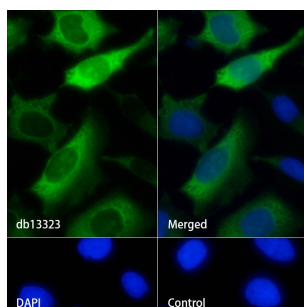
Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from K562, HeLa cells using db13323 at 1:1000.



Immunofluorescent analysis of HeLa cells using db13323 antibody (green), and DAPI (blue).



Immunofluorescence analysis of HeLa cells labelling Cyclin B1 with db13323.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db13323 (1:100) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.