Recombinant DGRmAb®

Cyclin B1 (DGR12283) Rabbit mAb (PBS Only)

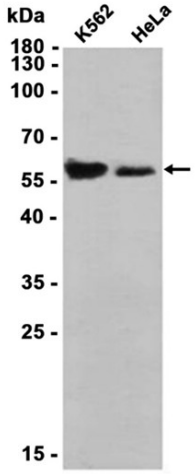
db13323-PBS **Package : 10μg 100μg**

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

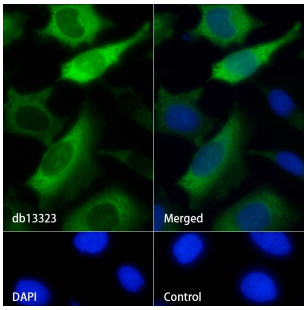
Background	The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). The encoded protein is necessary for proper control of the G2/M transition phase of the cell cycle. [provided by RefSeq, Aug 2017]
Immunogen	A synthetic peptide of human Cyclin B1
Gene ID	891
Swiss Prot	P14635
Synonyms	CCNB
Reactivity	Human
Application	WB, IHC-P, ICC/IF, FC, IP
Calculated MW	48 kDa
Observed MW	55 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12283
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	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.



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 temprature 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.