

Recombinant

DGRmAb®

## Cyclin B2 (DGR31446) Rabbit mAb

db11653

Package : 10µL 20µL 50µL 100µL

**Product Name** : Cyclin B2 (DGR31446) Rabbit mAb**Cat.No.:** db11653**Synonyms** : HsT17299**Application** : WB, IHC-P, ICC/IF, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

Cyclin B2 is a member of the cyclin family, specifically the B-type cyclins. The B-type cyclins, B1 and B2, associate with p34cdc2 and are essential components of the cell cycle regulatory machinery. B1 and B2 differ in their subcellular localization. Cyclin B1 co-localizes with microtubules, whereas cyclin B2 is primarily associated with the Golgi region. Cyclin B2 also binds to transforming growth factor beta RII and thus cyclin B2/cdc2 may play a key role in transforming growth factor beta-mediated cell cycle control. [provided by RefSeq, Jul 2008]

**Immunogen**

Recombinant protein of human Cyclin B2/CCNB2

**Gene ID**

9133

**Swiss Prot**

O95067

**Synonyms**

HsT17299

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, IP

**Recommended dilution**

WB: 1:1000

IHC-P: 1:100

ICC/IF: 1:200-1:500

IP: 1:50-1:100

**Calculated MW**

45 kDa

**Observed MW**

45 kDa

**Host species**

Rabbit

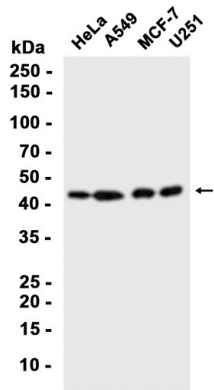
**Clonality**

Monoclonal

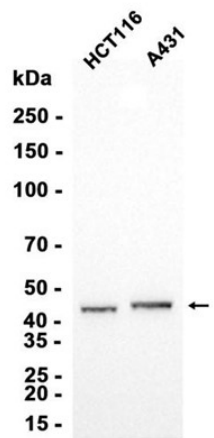
**Clonality No.**

DGR31446

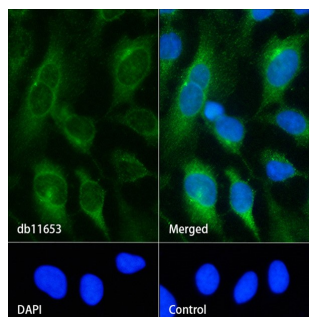
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa, A549, MCF-7, U251 cells using db11653 at 1:1000.



Western blot analysis of extracts from HCT116, A431 cells using db11653 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling Cyclin B2 with db11653.

The cells were fixed with cold 100% methanol (10min, 4°C) 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 db11653 (1:200) at room temprature for 1h, followed by a further incubation at room temprature 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.