Recombinant DGRmAb®

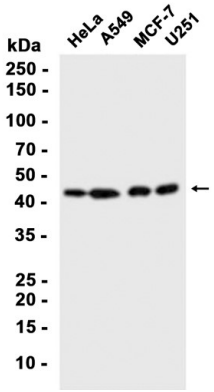
Cyclin B2 (DGR31446) Rabbit mAb (PBS Only)

db11653-PBS **Package : 10μg 100μg**

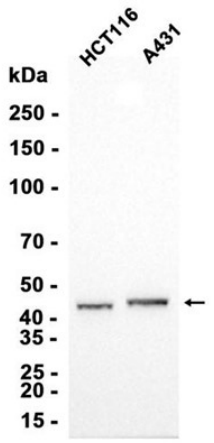
Product Name : Cyclin B2 (DGR31446) Rabbit mAb (PBS Only)
Cat.No.: db11653-PBS
Synonyms : HsT17299
Application : WB, IHC-P, ICC/IF, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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
Calculated MW	45 kDa
Observed MW	45 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR31446
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

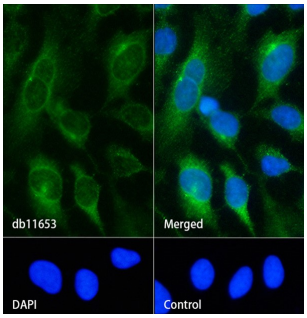
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from 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℃) 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 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.