

Recombinant

DGRmAb®

Cyclin A2 (DGR11377) Rabbit mAb (PBS Only)

db11347-PBS

Package : 100µg

Product Name : Cyclin A2 (DGR11377) Rabbit mAb (PBS Only)**Cat.No.:** db11347-PBS**Synonyms** : Ccn1; Ccna; Cyca; Ccn-1; CycA2; AA408589**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

Cyclin which controls both the G1/S and the G2/M transition phases of the cell cycle. Functions through the formation of specific serine/threonine kinase holoenzyme complexes with the cyclin-dependent protein kinases CDK1 and CDK2. The cyclin subunit confers the substrate specificity of these complexes and differentially interacts with and activates CDK1 and CDK2 throughout the cell cycle.

Immunogen

Recombinant protein of mouse Cyclin A2

Gene ID

12428

Swiss Prot

P51943

Synonyms

Ccn1; Ccna; Cyca; Ccn-1; CycA2; AA408589

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF

Calculated MW

49 kDa

Observed MW

49 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR11377

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Concentration

1 mg/mL

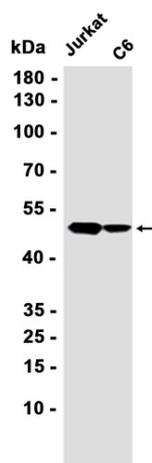
Formulation

PBS Only

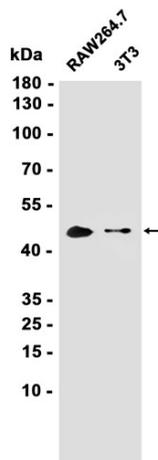
Storage Stability

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.

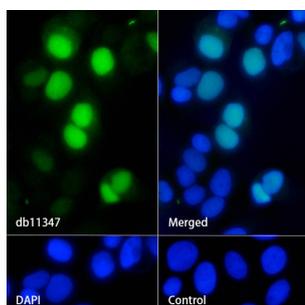
Western blot analysis of extracts from Jurkat, C6 cells using [db11347](#) at 1:1000.



Western blot analysis of extracts from RAW264.7, 3T3 cells using [db11347](#) at 1:1000.



Immunofluorescence analysis of MCF-7 cells labelling Cyclin A2 with [db11347](#).



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 [db11347](#) (1:200) 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.