

Recombinant

DGRmAb®

## Cyclin A2 (DGR11377) Rabbit mAb (PBS Only)

db11347-PBS

Package : 10µg 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

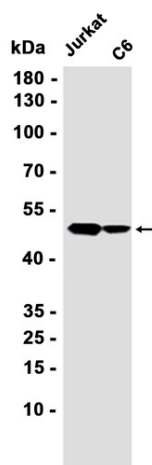
**Formulation**

PBS Only

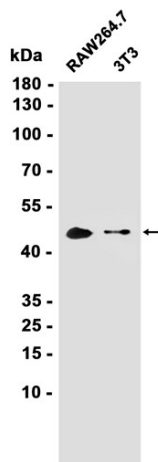
**Storage Stability**

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.

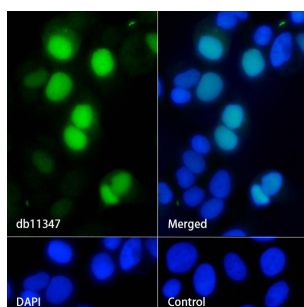
Western blot analysis of extracts from Jurkat, C6 cells using [db11347](#) at 1:1000.



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.