Recombinant DGRmAb®

Cyclin A2 (DGR11377) Rabbit mAb

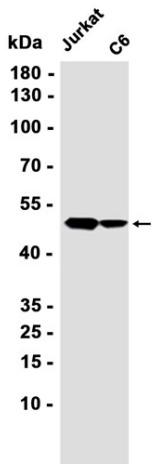
db11347 **Package : 10μL 20μL 50μL 100μL**

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

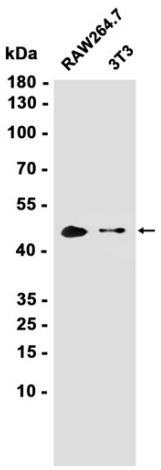
Background	Cyclin which controls both the G1/S and the G2/M transition phases of the cell cycle. Functions through the formation of specific serine/threonine kinase holoenzyme complexes with the cyclin-dependent protein kinases CDK1 and CDK2. The cyclin subunit confers the substrate specificity of these 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
Recommended dilution	WB: 1:1000 IHC-P: 1:200-1:500 ICC/IF: 1:200-1:500
Calculated MW	49 kDa
Observed MW	49 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11377
Isotype	IgG
Purity	Affinity Purification

Conjugation Un-conjugated

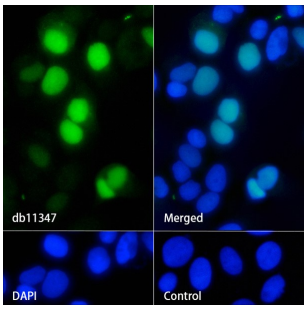
Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from 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 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.