Recombinant DGRmAb®

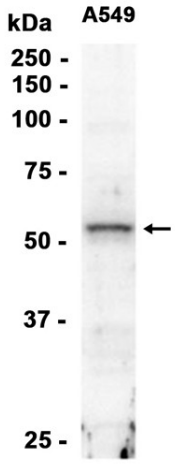
Cyclin B1 (DGR14937) Rabbit mAb

db13216 **Package : 10μL 20μL 50μL 100μL**

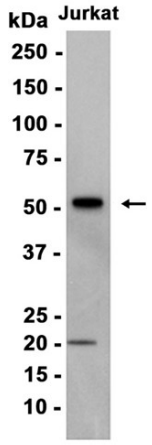
Product Name : Cyclin B1 (DGR14937) Rabbit mAb
Cat.No.: db13216
Synonyms : CycB1; Cycb-4; Cycb-5; Ccnb1-rs1; Cycb1-rs1; Ccnb1-rs13
Application : WB, IHC-P, ICC/IF, FC
Reactivity : Human,Mouse
Host species : Rabbit

Background	Essential for the control of the cell cycle at the G2/M (mitosis) transition.
Immunogen	Recombinant protein of mouse Cyclin B1
Gene ID	268697
Swiss Prot	P24860
Synonyms	CycB1; Cycb-4; Cycb-5; Ccnb1-rs1; Cycb1-rs1; Ccnb1-rs13
Reactivity	Human,Mouse
Application	WB, IHC-P, ICC/IF, FC
Recommended dilution	WB: 1:1000 IHC-P: 1:200-1:500 ICC/IF: 1:200-1:500 FC: 1:100-1:200
Calculated MW	48 kDa
Observed MW	55 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14937
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

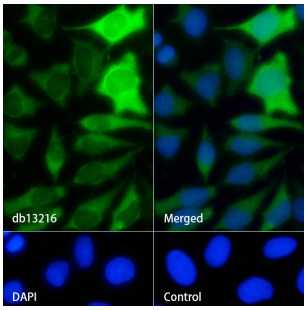
azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from A549 cells using db13216 at 1:1000.



Western blot analysis of extracts from Jurkat cells using db13216 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling Cyclin B1 with db13216.

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 db13216 (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.