

Cyclin D1 Rabbit pAb

db2

Package : 20µL 50µL 100µL

Product Name : Cyclin D1 Rabbit pAb**Cat.No.:** db2**Synonyms** : BCL1; PRAD1; U21B31; D11S287E**Application** : WB, IHC, ICC/IF, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance throughout the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. This protein has been shown to interact with tumor suppressor protein Rb and the expression of this gene is regulated positively by Rb. Mutations, amplification and overexpression of this gene, which alters cell cycle progression, are observed frequently in a variety of tumors and may contribute to tumorigenesis. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human Cyclin D1

Gene ID

595

Swiss Prot

P24385

Synonyms

BCL1; PRAD1; U21B31; D11S287E

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF, IP

Recommended dilutionWB: 1:2000
IHC: 1:20-1:500
ICC/IF: 1:100
IP: 1:20**Calculated MW**

34 kDa

Observed MW

36 kDa

Host species

Rabbit

Clonality

Polyclonal

| | |
|--------------------------|---|
| 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. |