Cyclin D2 Rabbit pAb

db1117 **Package : 20μL 50μL 100μL**

Product Name : Cyclin D2 Rabbit pAb
Cat.No.: db1117
Synonyms : MPPH3; KIAK0002
Application : WB, ICC/IF, IP
Reactivity : Human
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 through 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 CDK4 or CDK6 and functions as a regulatory subunit of the complex, whose activity is required for cell cycle G1/S transition. This protein has been shown to interact with and be involved in the phosphorylation of tumor suppressor protein Rb. Knockout studies of the homologous gene in mouse suggest the essential roles of this gene in ovarian granulosa and germ cell proliferation. High level expression of this gene was observed in ovarian and testicular tumors. Mutations in this gene are associated with megalencephaly-polymicrogyria-polydactyly-hydrocephalus syndrome 3 (MPPH3). [provided by RefSeq, Sep 2014]
Immunogen	Recombinant protein of human Cyclin D2
Gene ID	894
Swiss Prot	P30279
Synonyms	MPPH3; KIAK0002
Reactivity	Human
Application	WB, ICC/IF, IP
Recommended dilution	WB: 1:1000 ICC/IF: 1:20 IP: 1:20
Calculated MW	33 kDa
Observed MW	33 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.