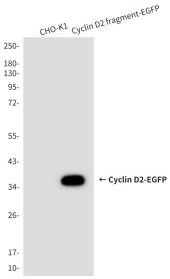
Cyclin D2 (6E11) Mouse mAb

db6075 **Package : 50μL 100μL**

Product Name : Cyclin D2 (6E11) Mouse mAb
Cat.No.: db6075
Synonyms : KIAK0002
Application : WB
Reactivity : Human
Host species : Mouse

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 Ticular tumors. Mutations in this gene are associated with megalencephaly-polymicrogyria-polydactyly-hydrocephalus syndrome 3 (MPPH3).
Immunogen	Purified recombinant human Cyclin D2 protein fragments expressed in E.coli
Gene ID	894
Swiss Prot	P30279
Synonyms	KIAK0002
Reactivity	Human
Application	WB
Recommended dilution	WB: 1:500-1:1000
Calculated MW	33 kDa
Observed MW	38 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	6E11-G6-F5

Isotype	IgG2b
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



Western blot analysis of Cyclin D2 in CHO-K1 lysates and CHO-K1 transfected by Cyclin D2fragment EGFP fusion proteinlysates using Cyclin D2 antibody.