

## 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

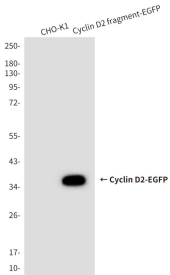
**Clonality**

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.