

Recombinant

DGRmAb®

## CDK4 (DGR15767) Rabbit mAb

db13778

Package : 10µL 20µL 50µL 100µL

**Product Name :** CDK4 (DGR15767) Rabbit mAb**Cat.No.:** db13778**Synonyms :** CMM3; PSK-J3**Application :** WB, ICC/IF, IP**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is highly similar to the gene products of *S. cerevisiae* cdc28 and *S. pombe* cdc2. It is a catalytic subunit of the protein kinase complex that is important for cell cycle G1 phase progression. The activity of this kinase is restricted to the G1-S phase, which is controlled by the regulatory subunits D-type cyclins and CDK inhibitor p16(INK4a). This kinase was shown to be responsible for the phosphorylation of retinoblastoma gene product (Rb). Mutations in this gene as well as in its related proteins including D-type cyclins, p16(INK4a) and Rb were all found to be associated with tumorigenesis of a variety of cancers. Multiple polyadenylation sites of this gene have been reported. [provided by RefSeq, Jul 2008]

**Immunogen**

Recombinant protein of human Cdk4

**Gene ID**

1019

**Swiss Prot**

P11802

**Synonyms**

CMM3; PSK-J3

**Reactivity**

Human,Mouse,Rat

**Application**

WB, ICC/IF, IP

**Recommended dilution**

WB: 1:1000

ICC/IF: 1:100-1:200

IP: 1:50

**Calculated MW**

34 kDa

**Observed MW**

34 kDa

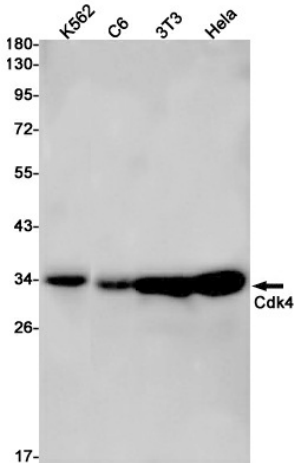
**Host species**

Rabbit

**Clonality**

Monoclonal

|                   |   |
|-------------------|---|
| Clonality No.     | DGR15767  |
| 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 detection of Cdk4 in K562,C6,3T3,Hela cell lysates using Cdk4 antibody(1:1000 diluted).