







CDK4 (DGR13120) Rabbit mAb

db12526 Package : 10μL 20μL 50μL 100μL

Product Name: CDK4 (DGR13120) Rabbit mAb

Cat.No.: db12526

Synonyms: CMM3; PSK-J3
Application: WB, ICC/IF
Reactivity: Human

Host species: Rabbit

Background The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is

reported. [provided by RefSeq, Jul 2008]

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

Immunogen A synthetic peptide of human Cdk4

Gene ID 1019

Swiss Prot P11802

Synonyms CMM3; PSK-J3

Reactivity Human

Application WB, ICC/IF

Recommended dilution WB: 1:1000-1:5000

ICC/IF: 1:200-1:500

Calculated MW 34 kDa

Observed MW 34 kDa

Host species Rabbit

Clonality Monoclonal

Clonality No. DGR13120



For Research Use Only **Product Datasheet**

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 analysis of extracts from HeLa cells using db12526 at 1:1000.

HeLa

kDa

250
150
100
75
50
37
25
20
15
10 -