

## 小鼠抗 CDK4 单克隆抗体

中文名称： 小鼠抗 CDK4 单克隆抗体

英文名称： Anti-CDK4 mouse monoclonal antibody

别名： cyclin dependent kinase 4; CMM3; PSK-J3

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Mouse

抗原： CDK4

反应种属： Human, Mouse, Rat

标记物： Unconjugate

克隆类型： Mouse Monoclonal

### 技术规格

**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.

<b>Applications:</b>	WB
<b>Name of antibody:</b>	CDK4
<b>Immunogen:</b>	Fusion protein of human CDK4
<b>Full name:</b>	cyclin dependent kinase 4
<b>Synonyms:</b>	CMM3; PSK-J3
<b>SwissProt:</b>	P11802
<b>WB Predicted band size:</b>	34 kDa
<b>WB Positive control:</b>	Hela, Lncap and F9 cell lysates
<b>WB Recommended dilution:</b>	1000-5000

