

## PRODUCT DATA SHEET

Bioworld Technology,Inc.

# CDK9 Recombinant Rabbit mAb

Catalog: BS47235 Host: Rabbit Reactivity: Human, Mouse, Rat

#### **BackGround:**

The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of S. cerevisiae cdc28, and S. pombe cdc2, and known as important cell cycle regulators. This kinase was found to be a component of the multiprotein complex TAK/P-TEFb, which is an elongation factor for RNA polymerase II-directed transcription and functions by phosphorylating the C-terminal domain of the largest subunit of RNA polymerase II. This protein forms a complex with and is regulated by its regulatory subunit cyclin T or cyclin K. HIV-1 Tat protein was found to interact with this protein and cyclin T, which suggested a possible involvement of this protein in AIDS. [provided by RefSeq, Jul 2008]

### **Product:**

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.

# **Molecular Weight:**

43 kDa

### **Swiss-Prot:**

P50750

### **Purification&Purity:**

# **Affinity Purification**

## **Applications:**

WB: 1:1000<br />ICC/IF: 1:20<br />FC: 1:50<br />IP: 1:20

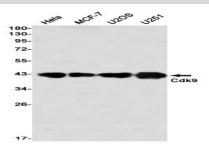
### **Storage&Stability:**

Store at  $4\,\mathrm{C}$  short term. Aliquot and store at -20  $\mathrm{C}$  long term. Avoid freeze-thaw cycles.

#### **Isotype:**

IgG

### **DATA:**



Western blot detection of Cdk9 in Hela,MCF-7,U2OS,U251 using Cdk9 antibody(1:1000 diluted)

#### Note:

For research use only, not for use in diagnostic procedure.

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