

## 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 °C short term. Aliquot and store at -20 °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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