

## Cyclin H monoclonal antibody

Catalog: MB11988

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

Regulates CDK7, the catalytic subunit of the CDK-activating kinase (CAK) enzymatic complex. CAK activates the cyclin-associated kinases CDK1, CDK2, CDK4 and CDK6 by threonine phosphorylation. CAK complexed to the core-TFIIF basal transcription factor activates RNA polymerase II by serine phosphorylation of the repetitive C-terminal domain (CTD) of its large subunit (POLR2A), allowing its escape from the promoter and elongation of the transcripts. Involved in cell cycle control and in RNA transcription by RNA polymerase II. Its expression and activity are constant throughout the cell cycle.

### Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

### Molecular Weight:

Calculated MW: 38 kDa; Observed MW: 38 kDa

### Swiss-Prot:

P51946

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

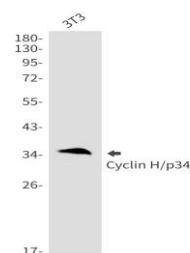
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Immunocytochemistry analysis of Cyclin H in HeLa using Cyclin H antibody, and DAPI.

Western blot analysis of Cyclin H/p34 in 3T3 lysates using Cyclin H/p34 antibody.

Western blot analysis of Cyclin H/p34 in U251, HL-60, Lncap lysates using Cyclin H/p34 antibody

### Note:

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

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