

CYCLIN H RABBIT MAB

Cat.#: N263290

Product Name: Anti-Cyclin H Rabbit Monoclonal Antibody

Synonyms: CCNH; Cyclin-H; MO15-associated protein; p34; p37

UNIPROT ID: P51946

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-TFIID 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.

Immunogen: A synthetic peptide of human Cyclin H/p34

Applications: WB, ICC/IF, IP

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

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R02-414

MW: Calculated MW: 38 kDa; Observed MW: 38 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse

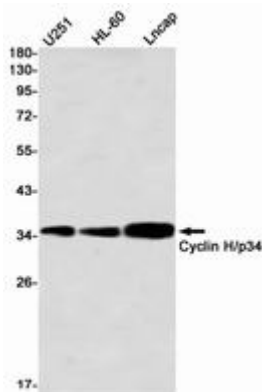
Conjugation: Unconjugated

Modification: Unmodified

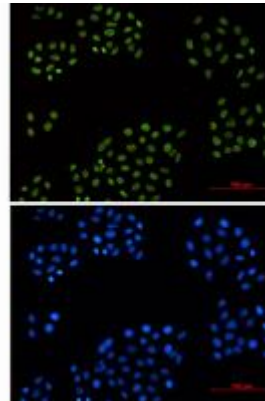
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cell Biology

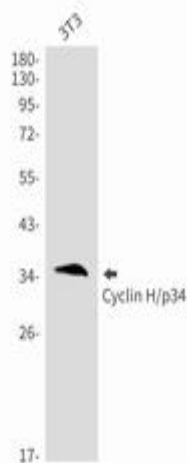
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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



Immunocytochemistry analysis of Cyclin H (green) in HeLa using Cyclin H antibody, and DAPI (blue).



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