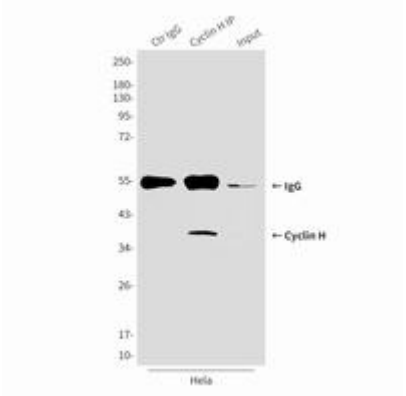
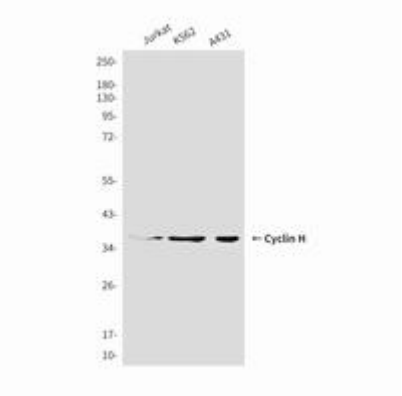
CYCLIN H (4E11) MOUSE MAB

Cat.#: N261046
Product Name: Anti-Cyclin H (4E11) Mouse 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-TFIIH 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: Purified recombinant human Cyclin H protein fragments expressed in E.coli.
Applications: WB,IP
Recommended Dilutions: WB: 1/500-1/1000 IP: 1/20
Host Species: Mouse
Clonality: Mouse Monoclonal
Clone ID: 4E11-G2-D7
MW: Calculated MW: 38 kDa; Observed MW: 38 kDa
Isotype: IgG2b
Purification: Affinity Purified
Species Reactivity: Human
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



Immunoprecipitation analysis of Cyclin H (4E11) in Hela lysates using Cyclin H antibody.



Western blot analysis of Cyclin H in Jurkat, K562 and A431 lysates using Cyclin H antibody.