

Cyclin H Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0398
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant human Cyclin H protein fragments expressed in E.coli.
Mol wt	N/A
Species reactivity	Human,Mouse,Rat,Dog,Pig
Clonality	Monoclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Cyclin-H
Synonyms	CCNH; Cyclin-H; MO15-associated protein; p34; p37

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

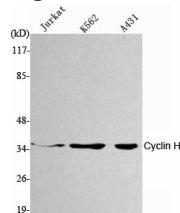
The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with CDK7 kinase and ring finger protein MAT1. The kinase complex is able to phosphorylate CDK2 and CDC2 kinases, thus functions as a CDK-activating kinase (CAK). This cyclin and its kinase partner are components of TFIIF, as well as RNA polymerase II protein complexes. They participate in two different transcriptional regulation processes, suggesting an important link between basal transcription control and the cell cycle machinery. A pseudogene of this gene is found on chromosome 4. Alternate splicing results in multiple t

Recommended Dilution

WB: 1:1000 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using Cyclin H Monoclonal antibody against Jurkat, K562, A431 cell lysate.

Storage

-20°C for one year