

Product Name: Phospho-CDK2 (Thr14) Rabbit Monoclonal Antibody
Catalog #: AMRe84893

Summary

Production Name	Phospho-CDK2 (Thr14) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP,IHC
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Phospho-CDK2 (Thr14)
Alternative Names	CDK2; CDKN2; Cyclin-dependent kinase 2; Cell division protein kinase 2; p33 protein kinase
Gene ID	1017.0
SwissProt ID	P24941.A synthetic phosphopeptide corresponding to residues surrounding Thr14 of human Cdk2

Application

Dilution Ratio	WB:1:500-1:1000,IP:1:10-1:20,IHC:1:50-1:100
Molecular Weight	Calculated MW: 34 kDa; Observed MW: 34 kDa

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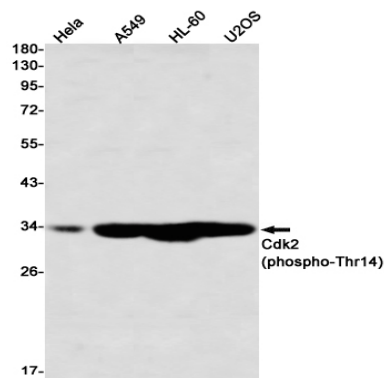
Background

The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle.

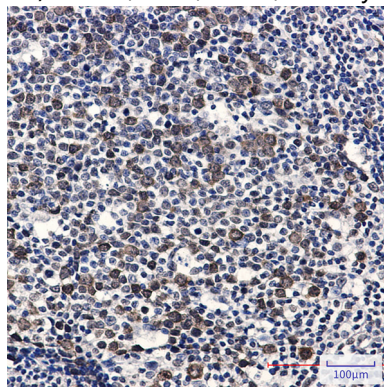
Research Area

PI3K-Akt signaling pathway, mTOR signaling pathway

Image Data



Western blot analysis of Cdk2 (Phospho-Thr14) in HeLa, A549, HL-60, U2OS lysates using Phospho-CDK2 (Thr14) antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Cdk2 (Phospho-Thr14) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.