Product Name: CDK2 Rabbit Monoclonal Antibody
Catalog #: AMRe04136

Summary

Production Name	CDK2 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human,Rat,Hamster

Performance

Conjugation	Unconjugated
Modification	Unmodified
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	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purification

Immunogen

Gene Name	CDK2
Alternative Names	CDK2; CDKN2; Cyclin-dependent kinase 2; Cell division protein kinase 2; p33 protein kinase
Gene ID	1017
SwissProt ID	P24941.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 IP: 1:20
Molecular Weight	Calculated MW: 34 kDa; Observed MW: 34 kDa

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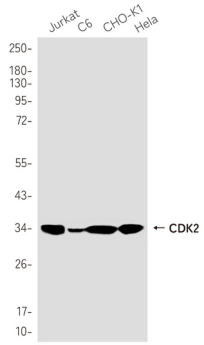
Background

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.

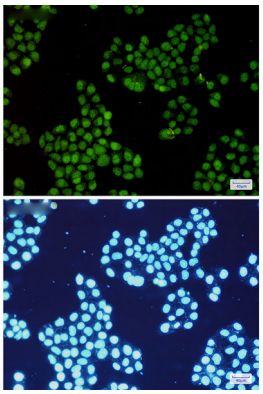
Research Area

Cell Biology

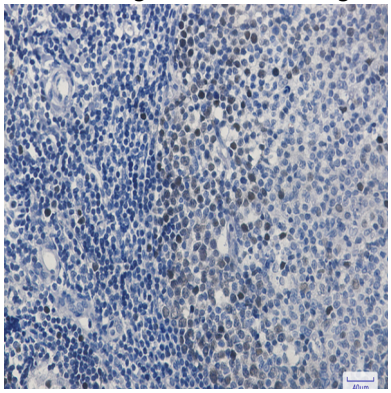
Image Data



Western blot analysis of CDK2 in Jurkat, C6, CHO-K1, Hela lysates using CDK2 antibody.



Immunocytochemistry analysis of CDK2(green) in Hela using CDK2 antibody,and DAPI(blue)



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

Note

For research use only.