

Product Name: CDK4 (3F9) Mouse Monoclonal Antibody
Catalog #: AMM03450



Summary

Production Name	CDK4 (3F9) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	CDK4
Alternative Names	CMM3; PSK-J3
Gene ID	1019
SwissProt ID	P11802

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 34 kDa; Observed MW: 34 kDa

Background

Cyclin-dependent kinase activity is regulated by T-loop phosphorylation (Thr172 in the case of CDK4), by the abundance of

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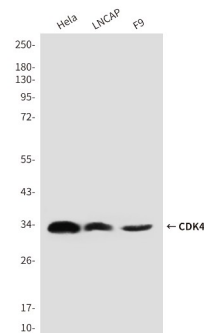


their cyclin partners, and by association with CDK inhibitors of the Cip/Kip or INK family of proteins. Cyclin D-CDK4 complexes are major integrators of various mitogenic and antimitogenic signals.

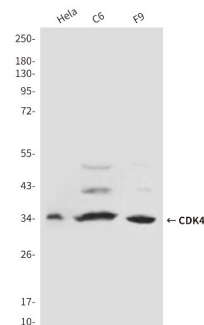
Research Area

Cell Biology

Image Data



Western blot analysis of CDK4 in HeLa, Lncap and F9 lysates using CDK4 antibody.



Western blot analysis of CDK4 (3F9) in HeLa, C6 and F9 lysates using CDK4 antibody.

Note

For research use only.