Product Name: **CDK9 Rabbit Monoclonal antibody**
Catalog #: **AMRe02939**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.15mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 43 kDa; Observed MW: 43 kDa

Antigen Information

Gene Name	CDK9
Alternative Names	TAK; C-2k; CTK1; CDC2L4; PITALRE
Gene ID	1025
SwissProt ID	P50750
Immunogen	A synthetic peptide of human Cdk9

Background

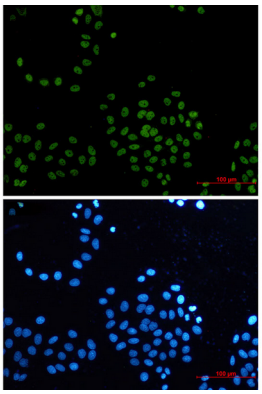
Cyclin dependent kinases (CDKs) are activated in part by cyclin binding and by phosphorylation of a conserved threonine in the T-loop domain. Member of the cyclin-dependent kinase pair (CDK9/cyclin-T) complex, also called positive transcription

elongation factor b (P-TEFb), which facilitates the transition from abortive to production elongation by phosphorylating the CTD (C-terminal domain) of the large subunit of RNA polymerase II (RNAP II), SUPT5H and RDBP.

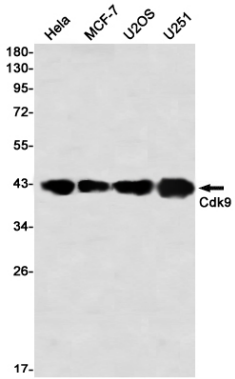
Research Area

Cell Biology

Image Data



Immunocytochemistry analysis of CDK9 (green) in Hela using CDK9 antibody,and DAPI(blue).



Western blot analysis of Cdk9 in Hela, MCF-7, U2OS, U251 lysates using Cdk9 antibody.