

Summary

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|------------------------|--|
| Production Name | CDK9 Rabbit Monoclonal Antibody |
| Description | Recombinant Rabbit Monoclonal antibody |
| Host | Rabbit |
| Application | WB,ICC/IF,IP |
| Reactivity | Human |

Performance

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

Immunogen

| | |
|--------------------------|----------------------------------|
| Gene Name | CDK9 |
| Alternative Names | TAK; C-2k; CTK1; CDC2L4; PITALRE |
| Gene ID | 1025 |
| SwissProt ID | P50750 |

Application

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

Background

Product Name: CDK9 Rabbit Monoclonal Antibody
Catalog #: AMRe02939

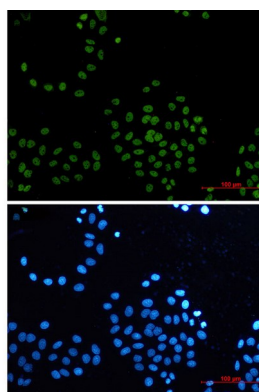


Cyclin dependent kinases (CDKs) are activated in part by cyclin binding and by phosphorylation of a conserved threonine in the T-loop domain. Member of the cyclin-dependent kinase pair (CDK9/cyclin-T) complex, also called positive transcription elongation factor b (P-TEFb), which facilitates the transition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

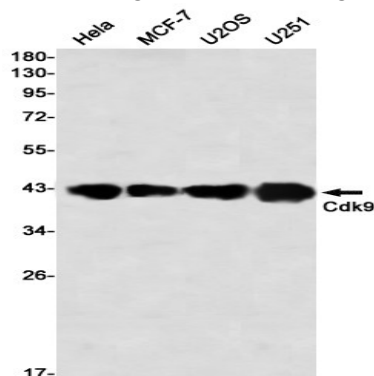
Research Area

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.

Note

For research use only.