

## CDK9 RABBIT MAB

**Cat.#:** N263265

**Product Name:** Anti-CDK9 Rabbit Monoclonal Antibody

**Synonyms:** TAK; C-2k; CTK1; CDC2L4; PITALRE

**UNIPROT ID:** P50750

**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.

**Immunogen:** A synthetic peptide of human Cdk9

**Applications:** WB, ICC/IF, IP

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R08-4F6

**MW:** Calculated MW: 43 kDa; Observed MW: 43 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human

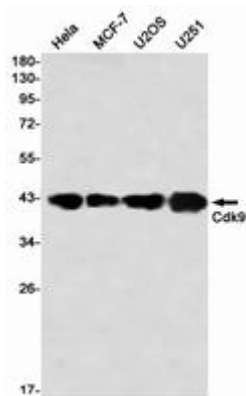
**Conjugation:** Unconjugated

**Modification:** Unmodified

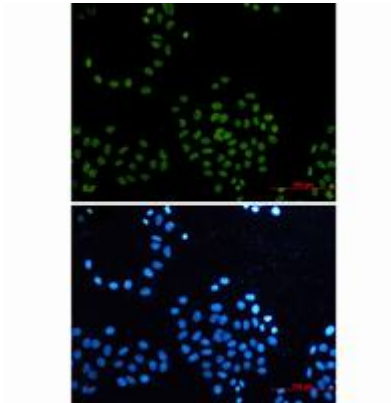
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Cell Biology

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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



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