

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **CDK9 RABBIT MAB**

Cat.#: N262020

**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,IHC-F,IHC-P,ICC/IF,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP:

1/20

Host Species: Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R03-5B9

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

Isotype: IgG

Purification: Affinity Purified

**Species Reactivity:** Human, Mouse, Rat

**Conjugation:** Unconjugated **Modification:** Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

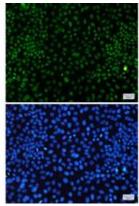
Research Areas: Cell Biology

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

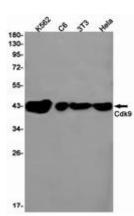


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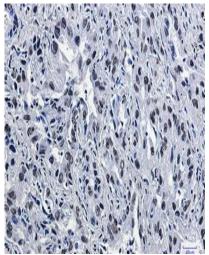
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Immunocytochemistry analysis of Western blot analysis of Cdk9 in Cdk9(green) in Hela using Cdk9 antibody, and DAPI(blue)



K562, C6, 3T3, Hela lysates using CDK9 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Cdk9 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.