

CDK9 monoclonal antibody

Catalog: MB10719

Host: Rabbit

Reactivity: Human, Mouse, Rat

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.

Product:

50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 43 kDa; Observed MW: 43 kDa

Swiss-Prot:

P50750

Purification&Purity:

Affinity Purified

Applications:

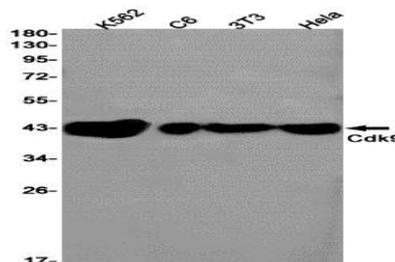
WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
IP: 1/20

Storage&Stability:

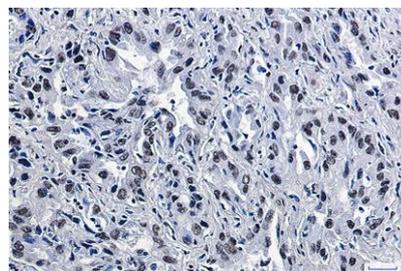
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of Cdk9 in K562, C6, 3T3, HeLa lysates using CDK9 antibody.



Immunocytochemistry analysis of Cdk9 in HeLa using Cdk9 antibody, and DAPI

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.

Note:

For research use only, not for use in diagnostic procedure.

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