

CDK1 (3B9) MOUSE MAB

Cat.#: N261048

Product Name: Anti-CDK1 (3B9) Mouse Monoclonal Antibody

Synonyms: CDK1; CDC2; CDC28A; CDKN1; P34CDC2; Cyclin-dependent kinase 1; CDK1; Cell division control protein 2 homolog; Cell division protein kinase 1; p34 protein kinase

UNIPROT ID: P06493

Background: The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits.

Immunogen: Purified recombinant human CDC2/CDK1 protein fragments expressed in E.coli.

Applications: WB, ICC/IF

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

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 3B9-F8-B12

MW: Calculated MW: 34 kDa; Observed MW: 34 kDa

Isotype: IgG2b

Purification: Affinity Purified

Species Reactivity: Human

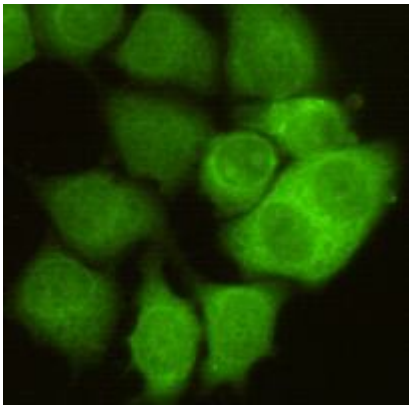
Conjugation: Unconjugated

Modification: Unmodified

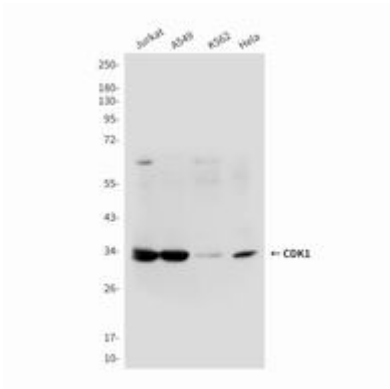
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cell Biology

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



Immunocytochemistry analysis of CDK1 in HeLa cells using CDK1 antibody.



Western blot analysis of CDC2/CDK1 in K562, A549, Jurkat and HeLa lysates using CDC2/CDK1 antibody.