

Product Datasheet

Phospho-Cdk1/2 (T14) Antibody

Catalog No: CY5489

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC IP



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Information

UniProt ID: P06493/P24941

All Names: CDC28; CDC2A; CDK1; Cell division control protein 2 homolog; Cyclin-dependent kinase 1; EC 2.7.11.22; EC 2.7.11.23; MPF; kinase Cdc2; p34 protein kinase;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 34 kDa

Application

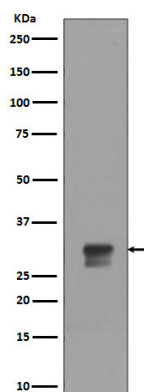
WB: 1:500~1:2000

IHC: 1:50~1:200

IP: 1:50

Background

Cdk2 is a member of the Ser/Thr protein kinase family. It is highly similar to the gene products of *S. cerevisiae* cdc28, and *S. pombe* cdc2. Cdk2 is closely related to cdc2 (cdk1) which has proved useful as a marker of proliferation. Cdk1 and Cdk2 are a catalytic subunits 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.



Western blot analysis of Phospho-Cdk1/2 (T14) expression in HeLa cell lysate treated with hydroxyurea.

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