
anti-Cdk2

Cat #: HM1084
Mouse monoclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Cdk2 kinase is highly similar to the gene products of *S. cerevisiae cdc28*, and *S. pombe cdc2*. It is a catalytic subunit of the cyclin-dependent protein kinase complex, whose activity is restricted to the G1-S phase, and essential for cell cycle G1/S phase transition. Cdk2 associates with and regulated by the regulatory subunits of the complex including cyclin A or E, CDK inhibitor p21Cip1 and p27Kip1. Its activity is also regulated by its protein phosphorylation.

SPECIFICITY

The antibody reacts with Cdk2 of mouse, rat and human origin by Western blotting, immunoprecipitation and immunohistochemistry.

IMMUNOGEN

Full length recombinant human Cdk2 protein.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCE

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