



CDK5 (Cyclin-dependent kinase 5)

Catalog number

030080

Supplier

United States Biological

Function: Probably involved in the control of the cell cycle. Interacts with D1 and D3-type G1 cyclins. Can phosphorylate histone H1, tau, MAP2 and NF-H and NF-M. Also interacts with p35 which activates the kinase.

Applications

Western Blotting: 1:500-1:2000.

Immunohistochemistry: 1:200-1:1000.

Immunofluorescence: 1:200-1:1000.

Flow cytometry: 1:200-1:400.

ELISA: Suggested dilution 1:10000.

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Immunogen

Purified recombinant fragment of human CDK5 expressed in E. coli.

Formulation

Ascites fluid, 0.03% sodium azide.

Purity

Ascites

Specificity

Human, Rat, Monkey

Product Type

Mab

Source

human

Isotype

IgG1

Grade

Ascites

**Applications**

E FC IHC WB

Crossreactivity

Hu Mk Rt

Storage

-20°C

MW

35

Reference

1. Cell Cycle. 2008 Nov 15;7(22):3487-90.
2. J Hum Genet. 2009 May;54(5):298-303.