

CDK5 monoclonal antibody

Catalog: MB21469

Host: Mouse

Reactivity: Human,Rat,Monkey

BackGround:

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.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

35kDa

Swiss-Prot:

Q00535

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/200 - 1/1000
FC:1/200 - 1/400

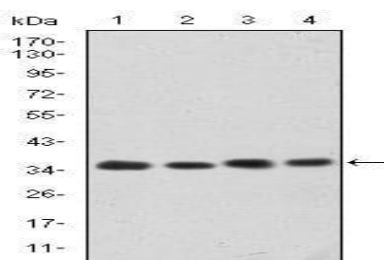
Storage&Stability:

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

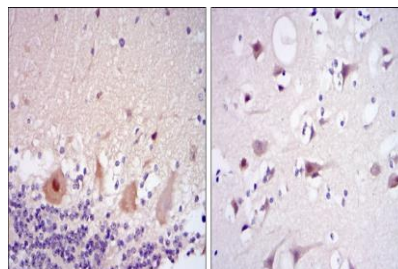
Isotype:

Mouse IgG1

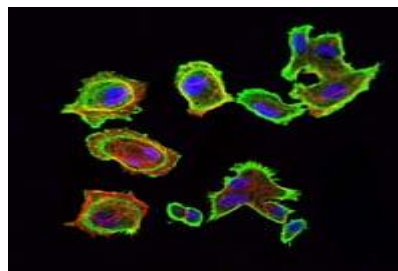
DATA:



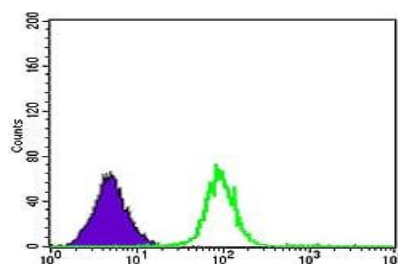
Western blot analysis using CDK5 mouse mAb against Hela (1), K562 (2), PC-12 (3) and Cos7 (4) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cerebellum tissues (left) and brain tissues (right) using CDK5 mouse mAb with DAB staining.



Immunofluorescence analysis of GC7901 cells using CDK5 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of K562 cells using CDK5 mouse mAb (green) and negative control (purple).

Note:

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

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