



CDK5 Mouse Monoclonal Antibody

E10-30210

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.

Catalog Number: E10-30210

Amount: 100µg/100µl

Clone Number: 4E4

Species: Mouse IgG1

MW: 35kDa

Aliases: PSSALRE

Entrez Gene: 1020

Immunogen: Purified recombinant fragment of human CDK5 expressed in E. Coli.

Storage: Store at 4°C, for long term storage, store at -20°C.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human; Rat; Monkey

Tested Applications: WB, IHC, IF, FC, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF: 1/200 - 1/1000, FC: 1/200 - 1/400
ELISA: Propose dilution 1/10000.

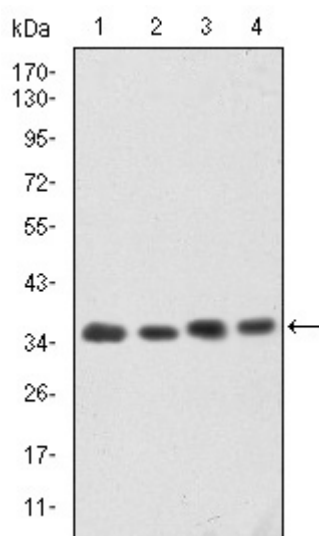


Figure 1: Western blot analysis using CDK5 mouse mAb against Hela (1), K562 (2), PC-12 (3) and Cos7 (4) cell lysate.

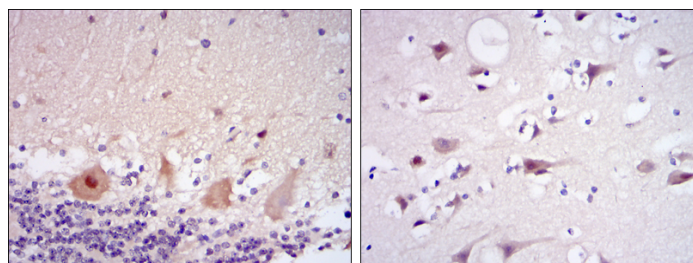
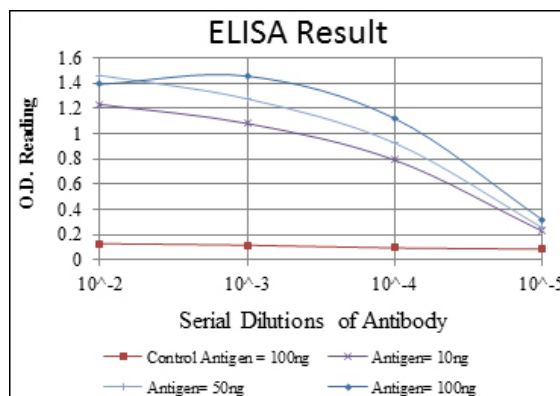


Figure 2: Immunohistochemical analysis of paraffin-embedded cerebellum tissues (left) and brain tissues (right) using CDK5 mouse mAb with DAB staining.



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