



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to CDK5

Catalog Number: MAB-606030210

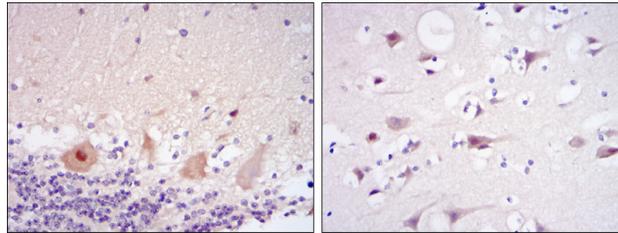
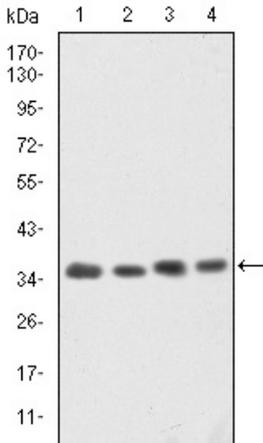


Figure 2: Immunohistochemical analysis of paraffin-embedded cerebellum tissues (left) and brain tissues (right) using CDK5 mouse mAb with DAB staining.

Lot#:
Clone#: 4E4
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 35kDa
Aliases: PSSALRE
Entrez Gene: 1020
Species reactivity: Human; Rat; Monkey

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

Description 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.

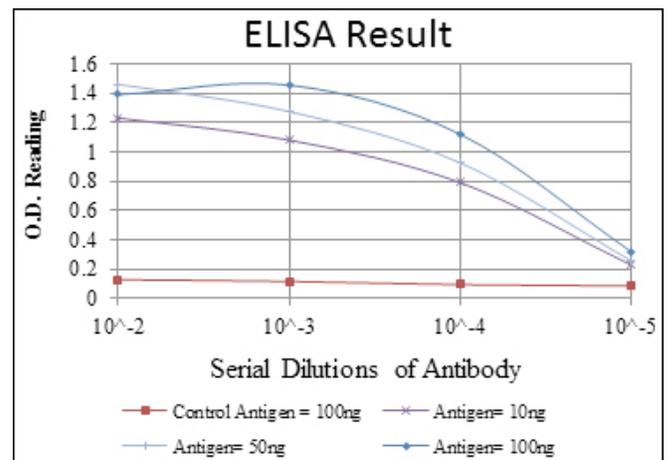
Immunogen Purified recombinant fragment of human CDK5 expressed in E. Coli.

Application Western Blotting: 1/500 - 1/2000.
Immunohistochemistry: 1/200 - 1/1000.
Immunofluorescence: 1/200 - 1/1000.
Flow cytometry: 1/200 - 1/400.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.
Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4iæ, for long term storage, store at -20iæ.

Related product

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



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