
Product Name: CDK5 Mouse Monoclonal Antibody**Catalog #: AMM80985**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA,FC
Reactivity	Human,Rat,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	35kDa

Antigen Information

Gene Name	CDK5
Alternative Names	PSSALRE
Gene ID	1020.0
SwissProt ID	Q00535
Immunogen	Purified recombinant fragment of human CDK5 expressed in E. Coli.

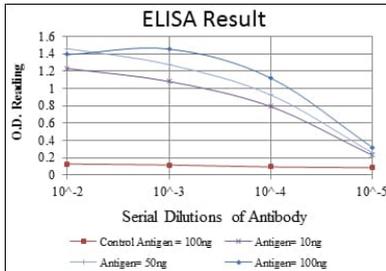
Background

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.

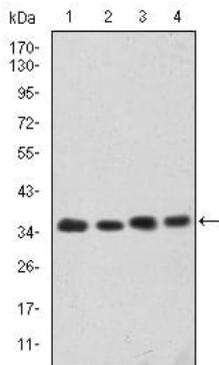
Research Area

Apoptosis

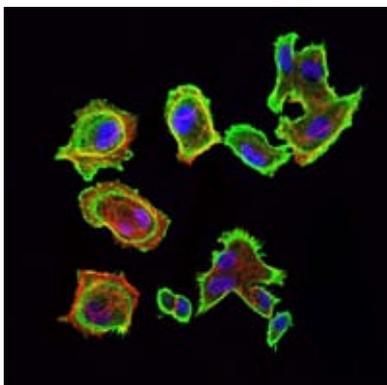
Image Data



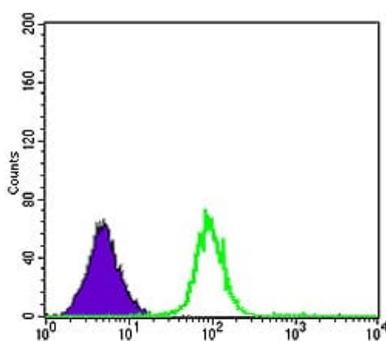
Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



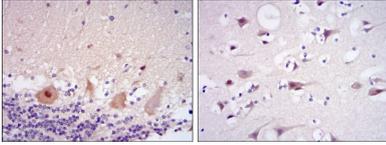
Western blot analysis using CDK5 mouse mAb against HeLa (1), K562 (2), PC-12 (3) and Cos7 (4) cell lysate.



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).



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