

Product Datasheet

Cdk5 Antibody (4E4) - BSA Free

NBP2-37602

Unit Size: 0.1 ml

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

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NBP2-37602

Cdk5 Antibody (4E4) - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4E4
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Target Molecular Weight	35 kDa

Product Description

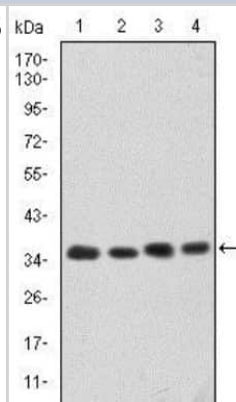
Host	Mouse
Gene ID	1020
Gene Symbol	CDK5
Species	Human, Rat, Monkey
Immunogen	Purified recombinant fragment of human Cdk5 expressed in E. Coli.

Product Application Details

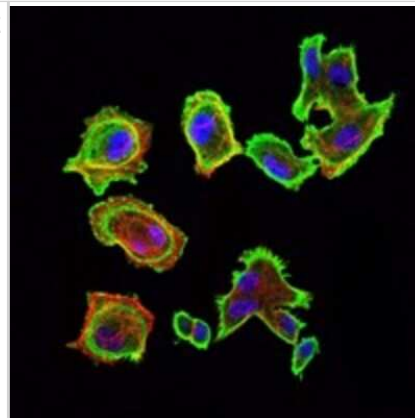
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200-1:1000

Images

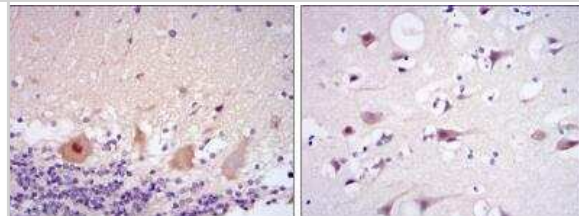
Western Blot: Cdk5 Antibody (4E4) [NBP2-37602] - Analysis using CDK5 mouse mAb against Hela (1), K562 (2), PC-12 (3) and Cos7 (4) cell lysate.



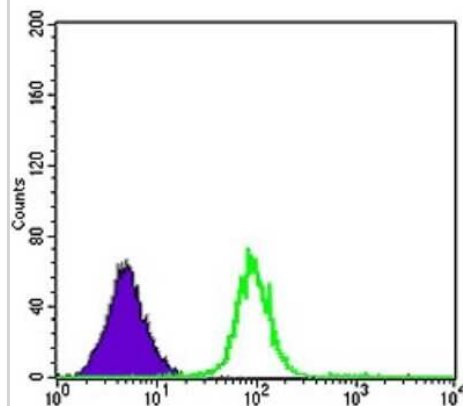
Immunocytochemistry/Immunofluorescence: Cdk5 Antibody (4E4) [NBP2-37602] - Analysis of GC7901 cells using CDK5 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



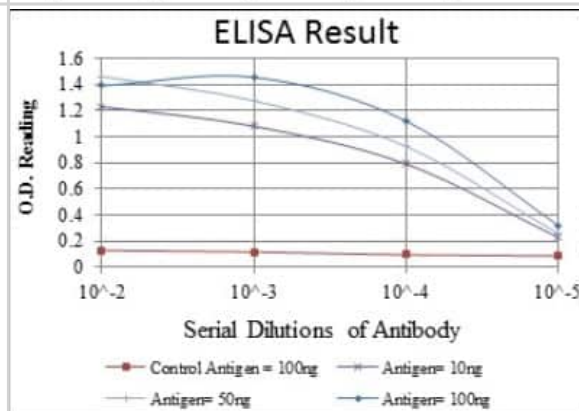
Immunohistochemistry-Paraffin: Cdk5 Antibody (4E4) [NBP2-37602] - Analysis of cerebellum tissues (left) and brain tissues (right) using CDK5 mouse mAb with DAB staining.



Flow Cytometry: Cdk5 Antibody (4E4) [NBP2-37602] - Analysis of K562 cells using CDK5 mouse mAb (green) and negative control (purple).



ELISA: Cdk5 Antibody (4E4) [NBP2-37602] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



Publications

Aron L, Qiu C, Ngian ZK et al. A neurodegeneration checkpoint mediated by REST protects against the onset of Alzheimer's disease Nature communications 2023-11-02 [PMID: 37919281]

Pradeepkiran JA, Munikumar M, Reddy AP, Reddy PH Protective effects of a small molecule inhibitor ligand against hyperphosphorylated tau-induced mitochondrial and synaptic toxicities in Alzheimer disease Human molecular genetics 2021-08-25 [PMID: 34432046]





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Products Related to NBP2-37602

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-61169-0.010mg	Recombinant Human Cdk5 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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