

Product Datasheet

Cdk5 Antibody (4E4) **NBP2-37602**

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-37602

Updated 9/9/2025 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-37602



NBP2-37602

Cdk5 Antibody (4E4)

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

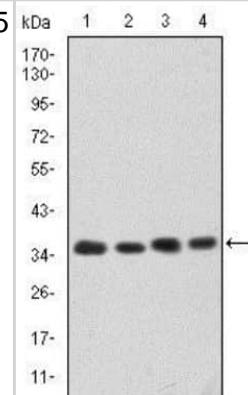
Description	Novus Biologicals Mouse Cdk5 Antibody (4E4) (NBP2-37602) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-Cdk5 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1020
Gene Symbol	CDK5
Species	Human, Rat, Monkey
Immunogen	Purified recombinant fragment of human Cdk5 expressed in E. Coli.

Product Application Details

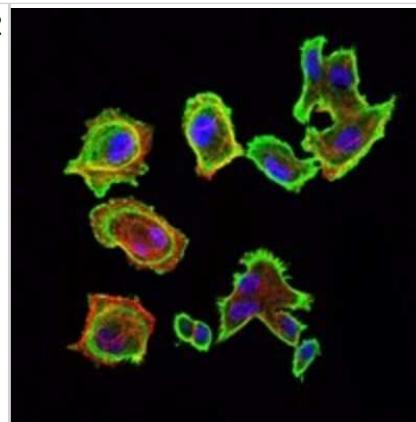
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/ Immunofluorescence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

Images

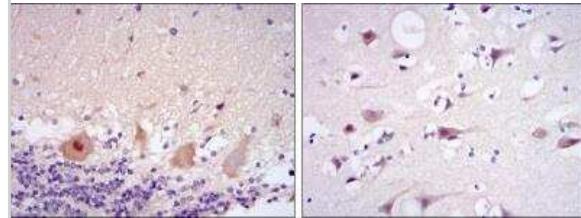
Western Blot: Cdk5 Antibody (4E4) [NBP2-37602] - Analysis using CDK5 mouse mAb against Hela (1), K562 (2), PC-12 (3) and Cos7 (4) cell lysate.



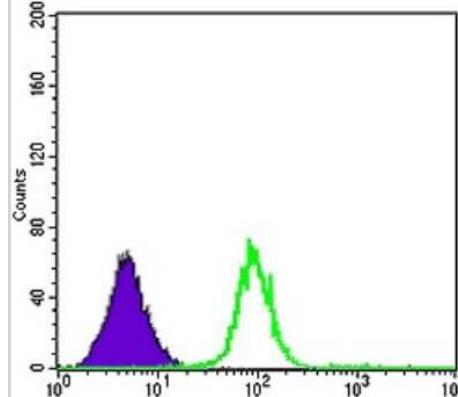
Immunocytochemistry/Immunofluorescence: Cdk5 Antibody (4E4) [NBP2-37602] - Analysis of GC7901 cells using CDK5 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



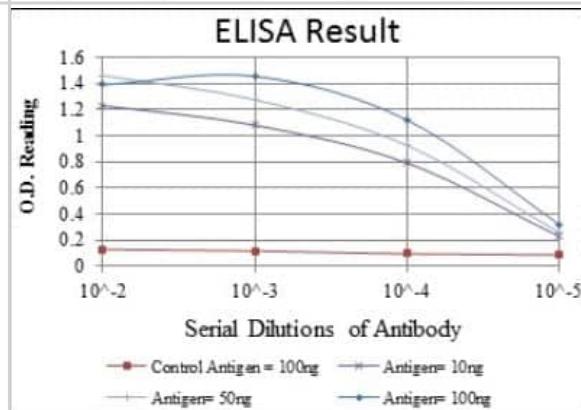
Immunohistochemistry-Paraffin: Cdk5 Antibody (4E4) [NBP2-37602] - Analysis of cerebellum tissues (left) and brain tissues (right) using CDK5 mouse mAb with DAB staining.



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]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-37602

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications