

# Product Datasheet

## Cdk5 Antibody (OTI2H6) **NBP1-47692**

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-47692**

Cdk5 Antibody (OTI2H6)

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI2H6
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	33.3 kDa

**Product Description**

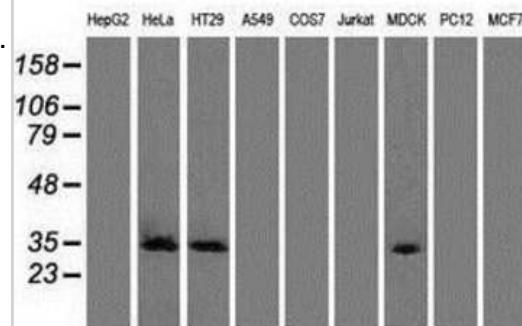
<b>Description</b>	Novus Biologicals Mouse Cdk5 Antibody (OTI2H6) (NBP1-47692) is a monoclonal antibody validated for use in WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	1020
<b>Gene Symbol</b>	CDK5
<b>Species</b>	Human, Mouse, Rat, Canine
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Specificity/Sensitivity</b>	This antibody is specific for Homo sapiens cyclin-dependent kinase 5 (CDK5), transcript variant 1.
<b>Immunogen</b>	Full length human recombinant protein of human CDK5 (NP_004926) produced in HEK293T cell.

**Product Application Details**

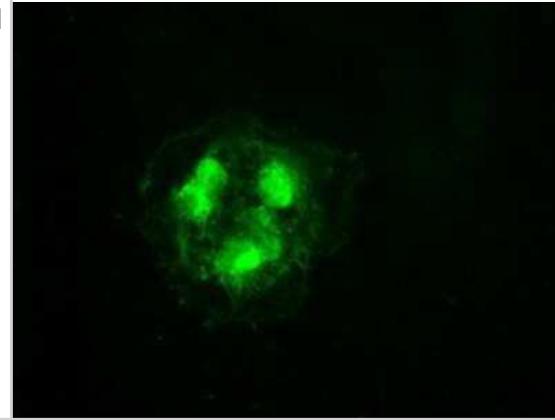
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000-2000, Flow Cytometry 1:100, Immunocytochemistry/ Immunofluorescence 1:50-100

## Images

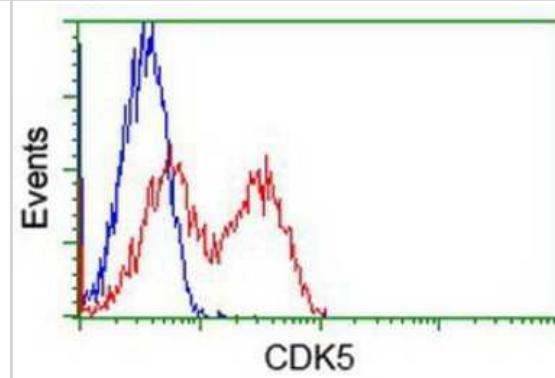
Western Blot: Cdk5 Antibody (2H6) [NBP1-47692] Analysis of extracts (35ug) from 9 different cell lines by using anti-Cdk5 monoclonal antibody.



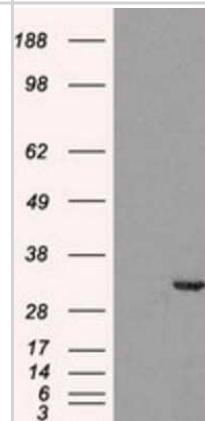
Immunocytochemistry/Immunofluorescence: Cdk5 Antibody (2H6) [NBP1-47692] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Cdk5.



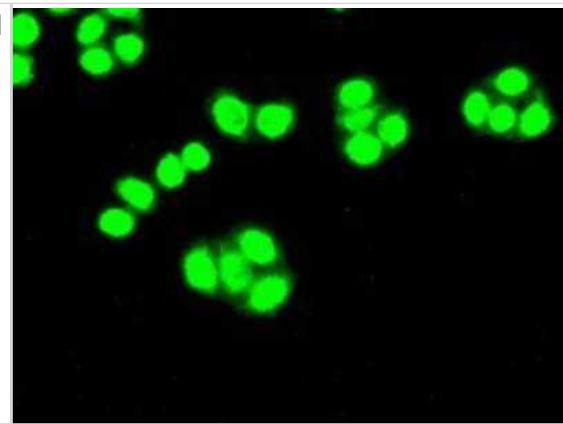
Flow Cytometry: Cdk5 Antibody (2H6) [NBP1-47692] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-Cdk5 antibody, and then analyzed by flow cytometry.



Western Blot: Cdk5 Antibody (2H6) [NBP1-47692] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Cdk5 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunobotted with anti-Cdk5.



Immunocytochemistry/Immunofluorescence: Cdk5 Antibody (2H6) [NBP1-47692] - Immunofluorescent staining of HT29 cells using anti-Cdk5 mouse monoclonal antibody.





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## Products Related to NBP1-47692

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)
NBP2-22975	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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