

Cdk5 Monoclonal Antibody (DC34)

Product Details	
Size	500 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Rat
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	DC34
Conjugate	Unconjugated
Immunogen	Recombinant cdk5 protein
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_10980441

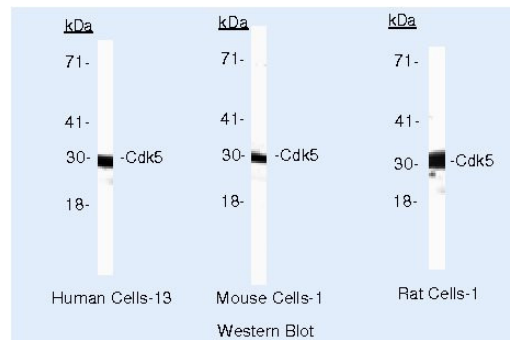
Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunocytochemistry (ICC/IF)	1:10-1:100	1 Publication
Immunoprecipitation (IP)	2 µg/mg protein lysate	-

Product Specific Information

MA5-14366 targets Cdk5 in immunofluorescence, immunoprecipitation, and Western blot applications and shows reactivity with human, mouse, and rat samples.

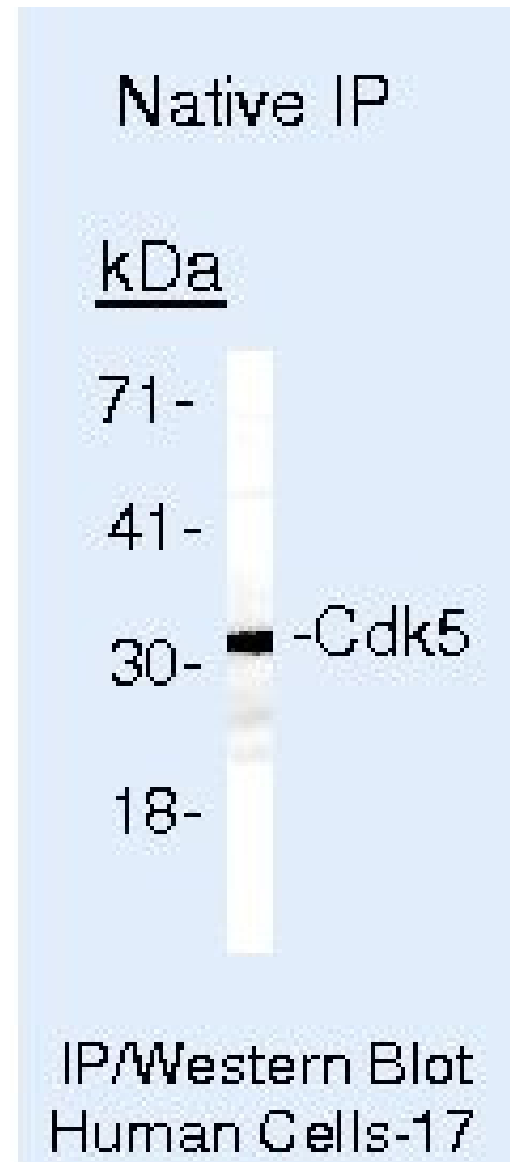
The MA5-14366 immunogen is recombinant cdk5 protein.

Product Images For Cdk5 Monoclonal Antibody (DC34)



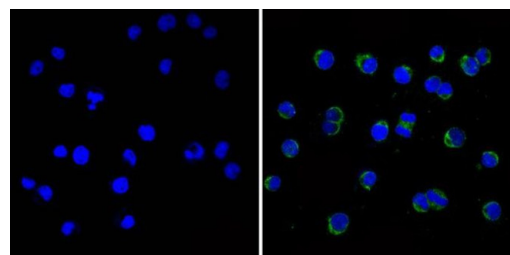
Cdk5 Antibody (MA5-14366) in WB

Western blot of Cdk5 using Cdk5 Monoclonal Antibody (MA5-14366) on MDA231 Cells, MAD109 Cells and CCL-4 med Cells.



Cdk5 Antibody (MA5-14366) in IP

Immunoprecipitation of Cdk5 using Cdk5 Monoclonal Antibody (MA5-14366) on Native Human LS174T Cells.



Cdk5 Antibody (MA5-14366) in ICC/IF

Immunofluorescent analysis of Cdk5 (green) showing staining in the cytoplasm of Jurkat cells (right) compared to a negative control without primary antibody (left). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with a Cdk5 monoclonal antibody (Product # MA5-14366) in 3% BSA-PBS at a dilution of 1:20 and incubated overnight at 4°C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody in PBS at room temperature in the dark. F-actin (red) was stained with a fluorescent red phalloidin and nuclei (blue) were stained with Hoechst or DAPI. Images were taken at a magnification of 60x.

Immunocytochemistry (1)

<p>Journal of Alzheimer's disease : JAD</p> <p>(+/-)-huprine Y, (-)-huperzine A and tacrine do not show neuroprotective properties in an apoptotic model of neuronal cytoskeletal alteration.</p> <p>"MA5-14366 was used in immunocytochemistry to study the effect of acetylcholinesterase inhibitors in colchicine-induced apoptosis in cerebellar granule neurons"</p> <p>Authors: Jordá EG,Verdaguer E,Jiménez A,Canudas AM,Rimbau V,Camps P,Muñoz-Torrero D,Camins A,Pallàs M</p>	<p>Year</p> <p>2004</p> <p>Species</p> <p>Rat</p> <p>Dilution</p> <p>1:1,000</p>
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