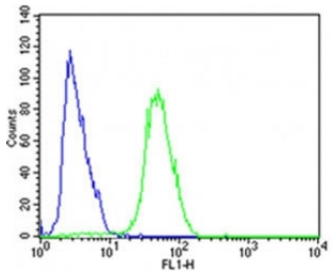
CDK5 Antibody (F52864)

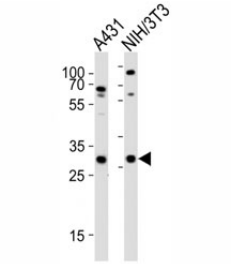
Catalog No.	Formulation	Size
F52864-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52864-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q00535
Applications	Flow Cytometry: 1:25 Western blot: 1:1000
Limitations	This CDK5 antibody is available for research use only.



Flow cytometric analysis of SH-SY5Y cells using CDK5 antibody (green) compared to an isotype control of rabbit IgG (blue); Ab was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG was used as the secondary Ab.



Western blot analysis of lysate from A431, mouse NIH3T3 cell line using CDK5 antibody diluted at 1:1000.

Description

CDK5 is a proline-directed serine/threonine-protein kinase essential for neuronal cell cycle arrest and differentiation and may be involved in apoptotic cell death in neuronal diseases by triggering abortive cell cycle re-entry. [UniProt]

For additional information on CDK5 biology, neuronal signaling and our Neuronal Protein Kinase Antibody, visit our CDK5 Antibody page.

Application Notes

Titration of the CDK5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This CDK5 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 225-260 amino acids from the C-terminal region of human CDK5.

Storage

Aliquot the CDK5 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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