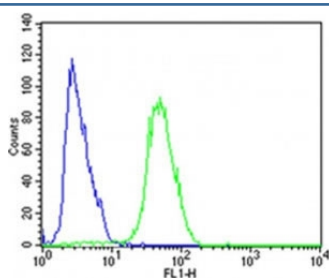


CDK5 Antibody (F52864)

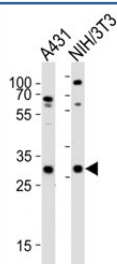
Catalog No.	Formulation	Size
F52864-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52864-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
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]

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.