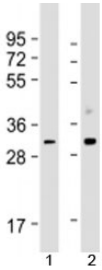
CDK1 Antibody / CDC2 [clone 1644CT107.30.27] (F53812)

Catalog No.	Formulation	Size
F53812-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53812-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	1644CT107.30.27
Purity	Protein G affinity chromatography
UniProt	P06493
Applications	Western blot: 1:500-1:1000
Limitations	This CDK1 antibody is available for research use only.



Western blot testing of human 1) Jurkat and 2) HeLa cell lysate with CDK1 antibody at 1:1000. Predicted molecular weight: 34 kDa.

Description

Cyclin Dependent Kinase 1 plays a key role in the control of the eukaryotic cell cycle by modulating the centrosome cycle as well as mitotic onset; promotes G2-M transition, and regulates G1 progress and G1-S transition via association with multiple interphase cyclins. Required in higher cells for entry into S-phase and mitosis.

Application Notes

Titration of the CDK1 antibody may be required due to differences in protocols and substrate sensitivity.

Immunogen

A human recombinant protein of amino acids 1-297 was used as the immunogen for the CDK1 antibody.

Storage

Aliquot the CDK1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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