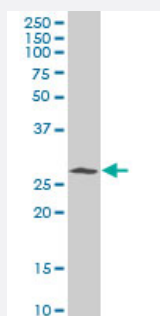


CDK5 monoclonal antibody (M01A), clone 1A2

Catalog # H00001020-M01A

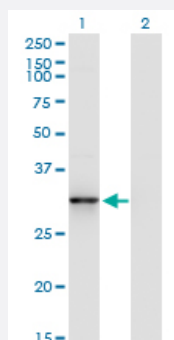
Size 200 uL

Applications



Western Blot (Tissue lysate)

CDK5 monoclonal antibody (M01A), clone 1A2. Western Blot analysis of CDK5 expression in human lung cancer.



Western Blot (Transfected lysate)

Western Blot analysis of CDK5 expression in transfected 293T cell line by CDK5 monoclonal antibody (M01A), clone 1A2.

Lane 1: CDK5 transfected lysate (Predicted MW: 33.3 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (36.41 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CDK5.

Immunogen	CDK5 (AAH05115, 195 a.a. ~ 292 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LANAGRPLFP GNDVDDQLKRIFRL LGTPTEEQWPSMTKLPDYKPYMPATTSLVNVVPKLNATG RDLLQNLLKCNPVQRISAEEALQHPYFSDFCPP
Host	Mouse
Reactivity	Human
Isotype	IgM Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.41 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

CDK5 monoclonal antibody (M01A), clone 1A2. Western Blot analysis of CDK5 expression in human lung cancer.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CDK5 expression in transfected 293T cell line by CDK5 monoclonal antibody (M01A), clone 1A2.

Lane 1: CDK5 transfected lysate (Predicted MW: 33.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CDK5

Entrez GeneID [1020](#)

GeneBank Accession# [BC005115](#)

Protein Accession#	AAH05115
Gene Name	CDK5
Gene Alias	PSSALRE
Gene Description	cyclin-dependent kinase 5
Omim ID	123831
Gene Ontology	Hyperlink
Other Designations	protein kinase CDK5 splicing

Publication Reference

- [Cyclin-dependent kinase 5 mediates pleiotrophin-induced endothelial cell migration.](#)

Lampropoulou E, Logoviti I, Koutsioumpa M, Hatziapostolou M, Polytarchou C, Skandalis SS, Hellman U, Fousteris M, Nikolaropoulos S, Choleva E, Lamprou M, Skoura A, Megalooikonomou V, Papadimitriou E.

Scientific Reports 2018 Apr; 8(1):5893.

Application: PLA, Human, HUVEC

Pathway

- [Axon guidance](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)

- [Lung Neoplasms](#)
- [Obesity](#)
- [Pulmonary Disease](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)