

## CDK4 Rabbit mAb

Catalog No: #59090



Package Size: #59090-1 50ul #59090-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	CDK4 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB;IHC;ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	CDK4 Antibody detects endogenous levels of CDK4
Conjugates	Unconjugated
Other Names	Cyclin-dependent kinase 4; Cell division protein kinase 4; PSK-J3; PSKJ3; CDK4; Crk3; CMM 3;
Accession No.	P11802
Calculated MW	34 kDa
SDS-PAGE MW	34 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

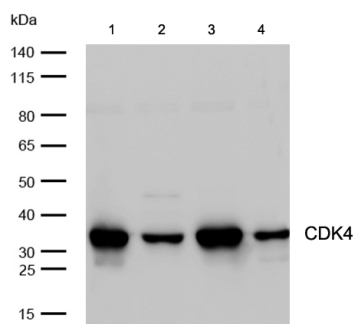
## Application Details

WB: 1:500-1:2000

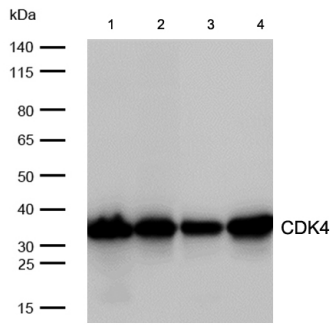
IHC: 1:50-1:200

ICC/IF: 1:50-1:200

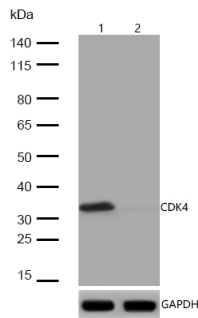
## Images



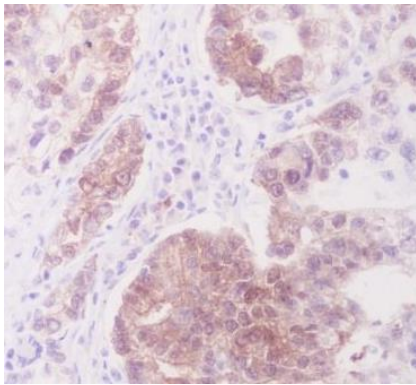
All lanes: CDK4 Rabbit mAb at 1/1k dilution  
 Lane 1 : Hela whole cell lysates  
 Lane 2 : JK whole cell lysates  
 Lane 3 : HepG2 whole cell lysates  
 Lane 4 : MCF-7 whole cell lysates  
 Lysates/proteins at 20 µg per lane. Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution  
 Predicted band size: 34 kDa  
 Observed band size: 34 kDa  
 Exposure time: 4 seconds



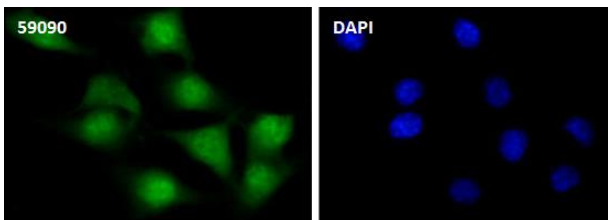
All lanes: CDK4 Rabbit mAb at 1/1k dilution  
 Lane 1 : Mouse brain lysates  
 Lane 2 : Mouse skin lysates  
 Lane 3 : Rat brain lysates  
 Lane 4 : Rat skin lysates  
 Lysates/proteins at 20 µg per lane.  
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution  
 Predicted band size: 34 kDa  
 Observed band size: 34 kDa  
 Exposure time: 5 seconds



All lanes: CDK4 Rabbit mAb at 1/1k dilution  
 Lane 1 : Wild-type HT-1080 cell lysate  
 Lane 2 : CDK4 Rabbit mAb knockdown HT-1080 cell lysate  
 Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human stomach cancer tissue stained for CDK4 using 59090 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence CDK4 antibody (59090)  
 ICC/IF staining of CDK4 in NIH/3T3 cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59090 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.