CDK4 antibody

Catalog Number: 109161

Product name

CDK4 antibody

Immunogen

Specificity

Human,Mouse,Rat; other species not tested.

Antibody description

CDK4 Rabbit Polyclonal antibody. Positive FC detected in MCF-7 cells. Positive IHC detected in human lung cancer tissue, human breast cancer tissue, human lymphoma tissue. Positive IF detected in MCF-7 cells. Positive IP detected in HeLa cells. Positive WB detected in HeLa cells, HepG2 cells, rat pancreas tissue. Observed molecular weight by Western-blot: 34 kDa

Preparation

This antibody was obtained by immunization of CDK4 recombinant protein (Accession Number: NM_000075). Purification method: Antigen affinity purified.

Formulation

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Storage

Store at -20℃. DO NOT ALIQUOT

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IF, FC, IP, IHC

Dilutions

Recommended Dilution:

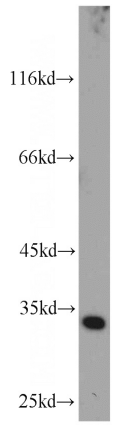
WB: 1:500-1:5000

IP: 1:500-1:5000

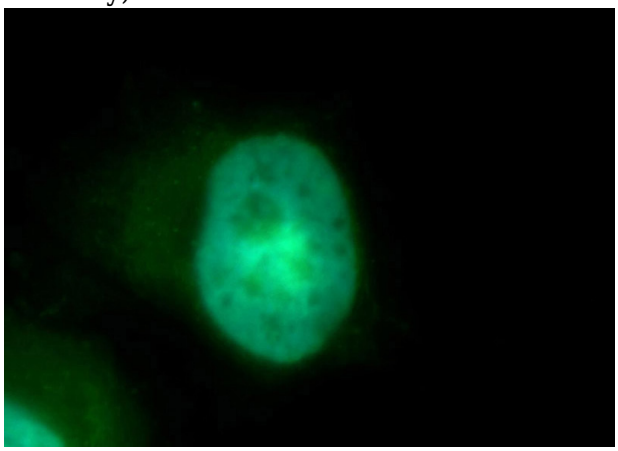
IHC: 1:20-1:200

IF: 1:20-1:200

Validations



HeLa cells were subjected to SDS PAGE followed by western blot with Catalog No:109161(CDK4 antibody) at dilution of 1:1000



Immunofluorescent analysis of MCF-7 cells, using CDK4 antibody Catalog No:109161 at 1:50 dilution and FITC-labeled donkey anti-rabbit IgG(green). Blue pseudocolor = DAPI (fluorescent

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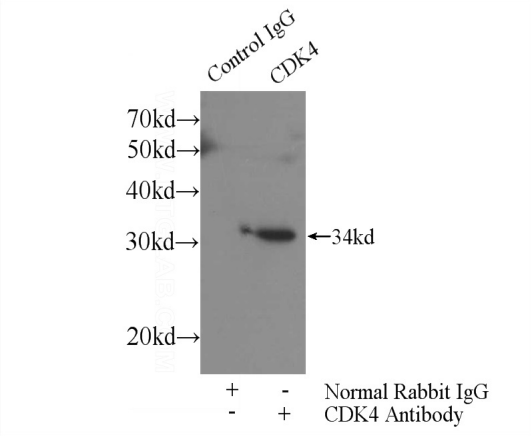
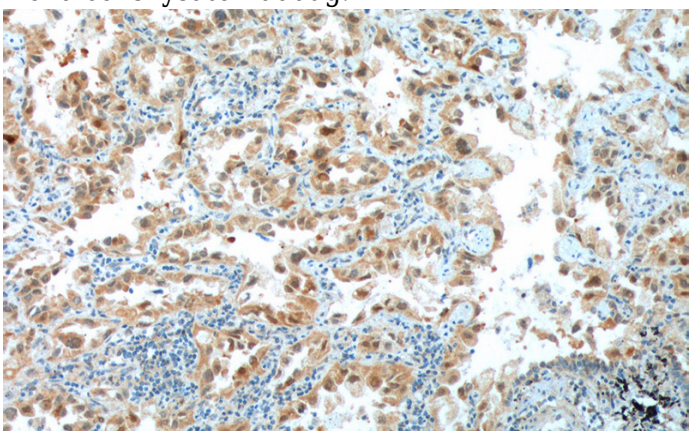
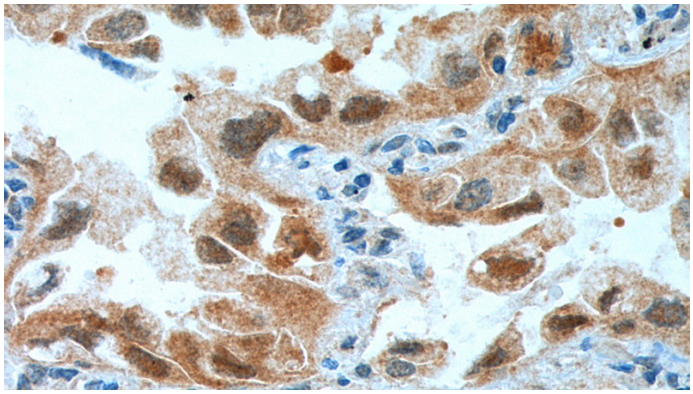


DNA dye)

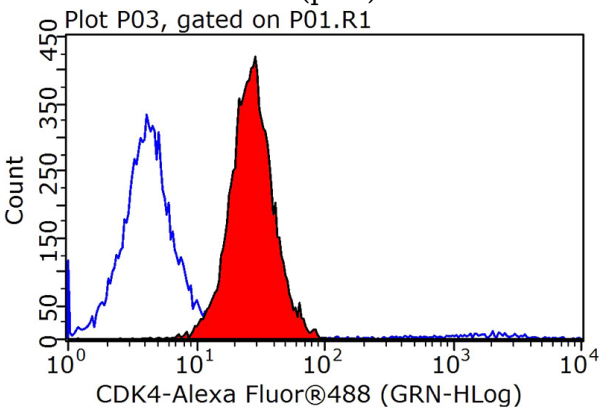
IP Result of anti-CDK4 (IP:Catalog No:109161, 3ug; Detection:Catalog No:109161 1:1000) with HeLa cells lysate 4000ug.



Immunohistochemistry of paraffin-embedded human lung cancer tissue slide using Catalog No:109161(CDK4 Antibody) at dilution of 1:200 (under 10x lens). heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



Immunohistochemistry of paraffin-embedded human lung cancer tissue slide using Catalog No:109161(CDK4 Antibody) at dilution of 1:200 (under 40x lens). heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



1X10^6 MCF-7 cells were stained with 0.2ug CDK4 antibody (Catalog No:109161, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.