

Nur für Forschungszwecke

CDK4 Monoklonaler Antikörper

Katalog-Nr.:66950-1-Ig **20 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 66950-1-Ig	GenBank-Zugangsnummer: BC010153	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 1019	CloneNo.: 1G2C12
Wirt: Maus	Vollständiger Name: cyclin-dependent kinase 4	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:200-1:1000
Isotyp: IgG1	Berechnete Masse: 34 kDa	
Immunogen Katalognummer: AG20538	Beobachtete Masse: 34 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IHC, WB, ELISA	Positivkontrollen: WB : LNCaP-Zellen, 4T1-Zellen, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, K-562-Zellen, MCF-7-Zellen, NIH/3T3-Zellen, RAW 264.7-Zellen
In Publikationen genannte Anwendungen: IHC, WB	IHC : humanes Mammakarzinomgewebe, humanes Lungenkarzinomgewebe
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Cyclin-dependent kinase-4 (CDK4) is a protein-serine kinase involved in the cell cycle. It is essential for the G1- to S-phase transition during the cell cycle and its expression is primarily controlled at the transcriptional level(PMID:17253961). CCND1-CDK4 axis is not only critical in glial tumor cells but also in stromal-derived cells in the surrounding tumor microenvironment that are vital to sustain tumor outgrowth(PMID:21844184).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Li Zhu	34631884	Biomed Res Int	WB
Huan Liu	34491469	Med Oncol	WB
Zhan Wang	36064706	J Transl Med	WB

Lagerung

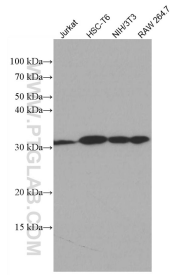
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

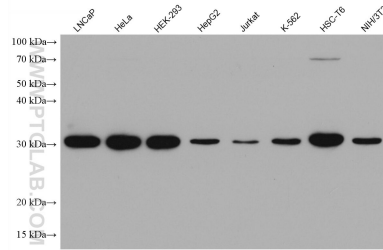
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

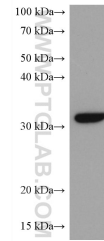
Ausgewählte Validierungsdaten



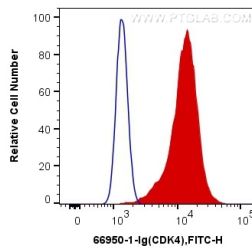
Various lysates were subjected to SDS PAGE followed by western blot with 66950-1-Ig (CDK4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



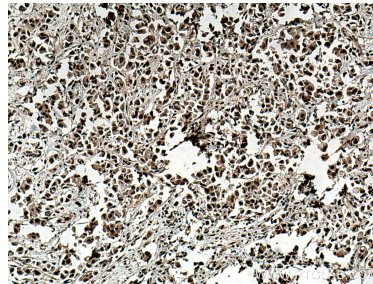
Various lysates were subjected to SDS PAGE followed by western blot with 66950-1-Ig (CDK4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



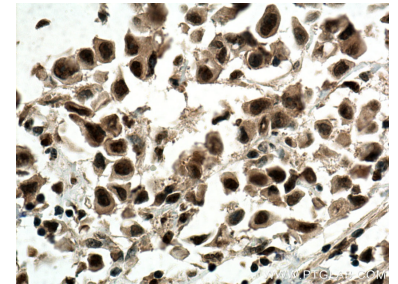
4T1 cells were subjected to SDS PAGE followed by western blot with 66950-1-Ig (CDK4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



1X10⁶ MCF-7 cells were intracellularly stained with 0.2 ug Anti-Human CDK4 (66950-1-Ig, Clone:1G2C12) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66950-1-Ig (CDK4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66950-1-Ig (CDK4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).