

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Cyclin E2



Numéro de catalogue: 11935-1-AP

37 Publications

Informations de base

Numéro de catalogue:
11935-1-AP

Taille:
150ul, Concentration: 900 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2532

Numéro d'acquisition GenBank:
BC020729

Identification du gène (NCBI):
9134

Nom complet:
cyclin E2

MW calculé:
374 aa, 44 kDa

MW observés:
44 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
IHC 1:400-1:1600
IF 1:200-1:800

Applications

Applications testées:
FC, IF, IHC, IP, ELISA

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, rat

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

IP : cellules Jurkat,

IHC : tissu de cancer du sein humain, tissu testiculaire de souris

IF : cellules HeLa,

Informations générales

Cyclin E2 (CCNE2) belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance throughout the cell cycle. Cyclins function as regulators of cyclin-dependent kinases (CDKs). Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of cell cycle events. CCNE2 forms a complex with and functions as a regulatory subunit of CDK2 and has been shown to specifically interact with CIP/KIP family of CDK inhibitors. CCNE2 plays a role in cell cycle G1/S transition and its expression peaks at the G1-S phase. Whereas cyclin E1 is expressed in most proliferating normal and tumor cells, cyclin E2 levels are low or undetectable in nontransformed cells, and are elevated in tumor-derived cells.

Publications notables

Autrice	Pubmed ID	Journal	Application
Mengling Liu	36130926	Oncogenesis	IHC,WB
Cheng-Lung Hsu	30236142	J Exp Clin Cancer Res	WB
Jing-Hua Pan	30191976	J Cell Physiol	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

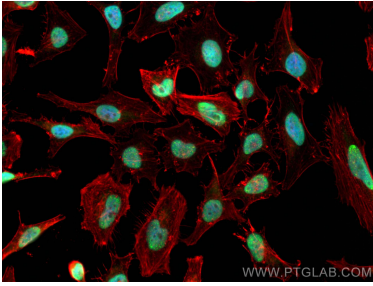
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

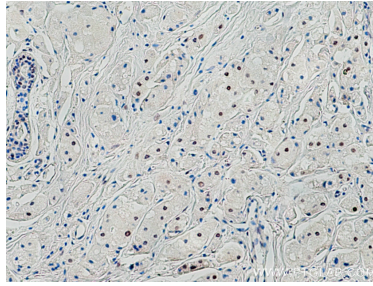
E: proteintech@ptglab.com
W: ptglab.com

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

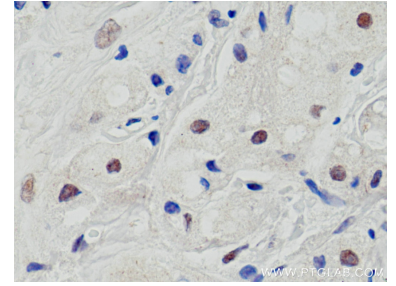
Données de validation sélectionnées



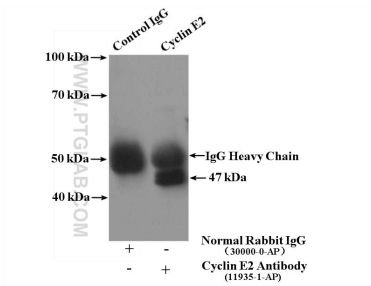
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Cyclin E2 antibody (11935-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



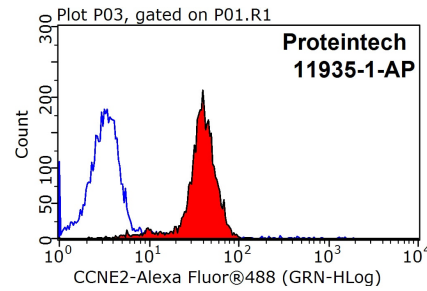
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11935-1-AP (Cyclin E2 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11935-1-AP (Cyclin E2 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-Cyclin E2 (IP:11935-1-AP, 4ug; Detection:11935-1-AP 1:300) with Jurkat cells lysate 4000ug.



1X10⁶ HeLa cells were stained with 0.2ug Cyclin E2 antibody (11935-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.