

À des fins de recherche uniquement

Anticorps Monoclonal anti-PELP1

Numéro de catalogue: 67050-1-Ig 1 Publications



Informations de base

Numéro de catalogue:	67050-1-Ig	Numéro d'acquisition GenBank:	BC069058	Méthode de purification:	Purification par protéine A
Taille:	150ul, Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI):	27043	CloneNo.:	1B11E4
Hôte:	Mouse	Nom complet:	proline, glutamate and leucine rich protein 1	Dilutions recommandées:	WB 1:2000-1:8000 IHC 1:500-1:2000 IF 1:200-1:800
Isotype:	IgG2b	MW calculé	1130 aa, 120 kDa		
Immunogen Catalog Number:	AG25729	MW observés:	160 kDa		

Applications

Applications testées:	FC (Intra), IF, IHC, WB, ELISA	Contrôles positifs:	
Demandes citées:	IHC, WB	WB :	cellules HeLa, cellules HEK-293, cellules Jurkat, cellules MCF-7, cellules T-47D
Spécificité de l'espèce:	Humain	IHC :	tissu de cancer du col de l'utérus humain, tissu de cancer du sein humain
Espèces citées:	souris	IF :	tissu de cancer du sein humain,
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.			

Informations générales

PELP1 was first identified as a 160 kDa protein in a screen for Src homology 2 (SH2) domain-binding proteins. PELP1 is overexpressed in 60-80% of breast tumors and plays important roles in both ER genomic and non-genomic signaling. In vivo, PELP1 subcellular localization is primarily nuclear in normal breast tissue, but it is localized to the cytoplasm in about 40% of invasive breast tumors. In the nucleus, PELP1 interacts with a number of transcription factors. The proto-oncogenic functions of PELP1 involve different cellular processes including epigenetic modifications leading to ER transactivation and breast cancer progression. Furthermore, PELP1 activates kinase cascades in the cytoplasm such as MAPK activation via c-Src and PI3K signaling.

Publications notables

Autrice	Pubmed ID	Journal	Application
Kai-Xiang He	37290329	Int Immunopharmacol	WB,IHC

Stockage

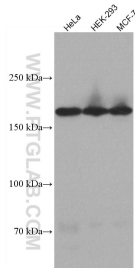
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

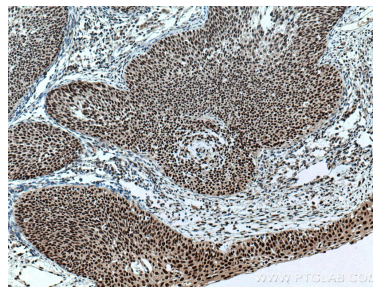
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

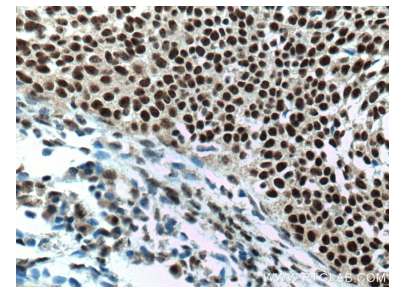
Données de validation sélectionnées



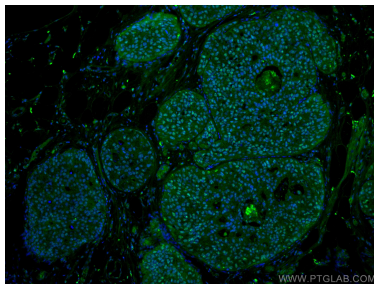
Various lysates were subjected to SDS PAGE followed by western blot with 67050-1-Ig (PELP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



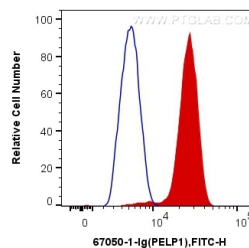
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 67050-1-Ig (PELP1 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



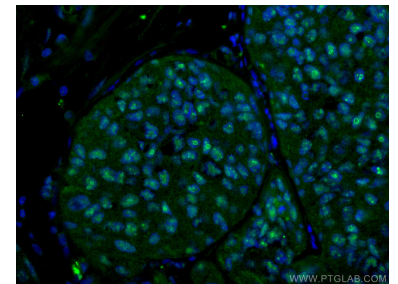
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 67050-1-Ig (PELP1 antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using PELP1 antibody (67050-1-Ig, Clone: 1B11E4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ MCF-7 cells were intracellularly stained with 0.4 ug Anti-Human PELP1 (67050-1-Ig, Clone:1B11E4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2b Isotype Control (66360-3-Ig, Clone: K11B8C4B5) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using PELP1 antibody (67050-1-Ig, Clone: 1B11E4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).