Nur für Forschungszwecke

PELP1 Monoklonaler Antikörper

Katalog-Nr.:67050-1-Ig

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Allgemeine Informationen

Katalog-Nr.:
67050-1-Ig

Größe:
150ul , Konzentration: 1000 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Maus

Isotyp:
IgG2b

Immunogen Katalognummer:
AG25729

GenBank-Zugangsnummer:
BC069058

GeneID (NCBI):
27043

Vollständiger Name:
proline, glutamate and leucine rich protein 1

Berechneté Masse:
1130 aa, 120 kDa

Beobachteté Masse:
160 kDa

Reinigungsmethode:
Protein-A-Reinigung

CloneNo.:
1B11E4

Empfohlene Verdünnungen:
WB 1:2000-1:8000
IHC 1:500-1:2000
IF 1:200-1:800

Anwendungen

Geprüfte Anwendungen:
FC (Intra), IF, IHC, WB, ELISA

Getestete Reaktivität:
Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HeLa-Zellen, HEK-293-Zellen, Jurkat-Zellen, MCF-7-Zellen, T-47D-Zellen

IHC : humanes Zervixkarzinomgewebe, humanes Mammakarzinomgewebe

IF : humanes Mammakarzinomgewebe,

Hintergrundinformationen

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.

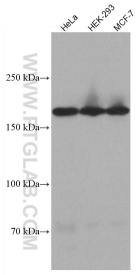
Lagerung

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

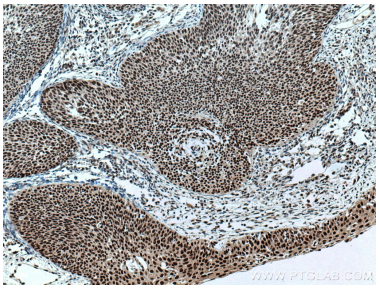
***** 20ul-Größen enthalten 0.1% BSA**

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

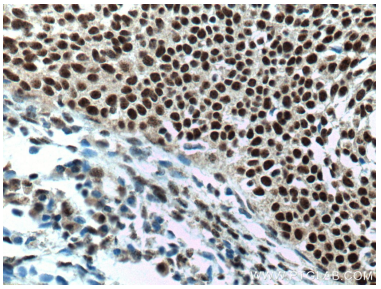
Ausgewählte Validierungsdaten



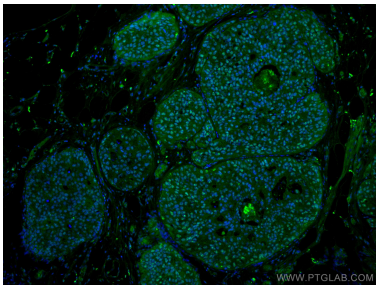
Various lysates were subjected to SDS PAGE followed by western blot with 67050-1-Ig (PELP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



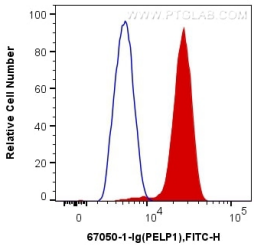
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 67050-1-Ig (PELP1 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



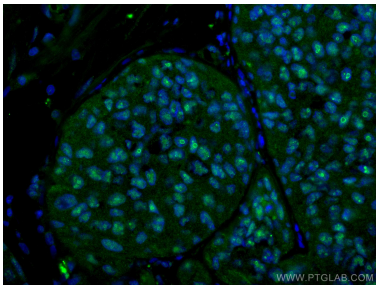
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 67050-1-Ig (PELP1 antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



1X10^6 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).



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