

For Research Use Only

HRD1/SYVN1 Monoclonal antibody, PBS Only



Catalog Number: 67488-1-PBS

Featured Product

Basic Information

Catalog Number:

67488-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG4456

GenBank Accession Number:

BC030530

GeneID (NCBI):

84447

UNIPROT ID:

Q86TM6

Full Name:

synovial apoptosis inhibitor 1,
synoviolin

Calculated MW:

617 aa, 68 kDa

Observed MW:

68-76 kDa

Purification Method:

Protein A purification

CloneNo.:

2C8A7

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Background Information

HRD1 is also named as SYVN1 (Synovial apoptosis inhibitor 1), KIAA1810. It acts as an E3 ubiquitin-protein ligase which accepts ubiquitin specifically from endoplasmic reticulum-associated UBC7 E2 ligase and transfers it to substrates, promoting their degradation. Two distinct binding sites mediate Hrd1 dimerization or oligomerization, one located within the transmembrane region and another within the cytosolic domain. (PMID:19864457). Western blot analysis detected abundant HRD1 expression in liver and kidney. Mouse liver and spleen expressed Hrd1 as an 85-kD protein (PMID:12646171).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

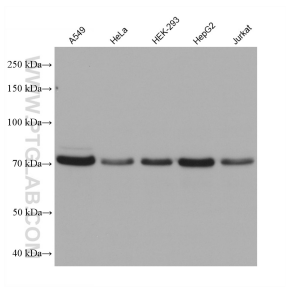
T: 4006900926

E: Proteintech-CN@ptglab.com

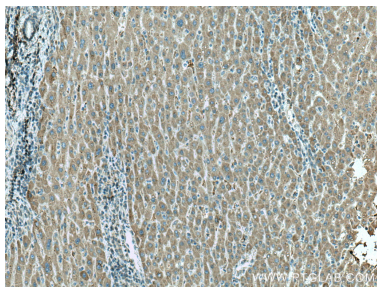
W: ptgcn.com

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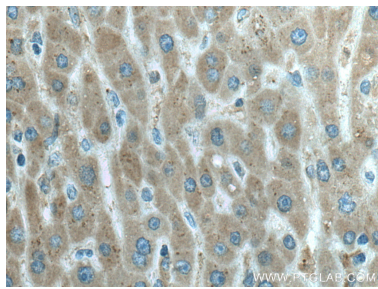
Selected Validation Data



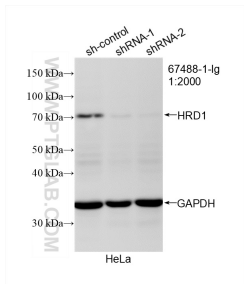
Various lysates were subjected to SDS PAGE followed by western blot with 67488-1-Ig (HRD1/SYVN1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67488-1-PBS in a different storage buffer formulation.



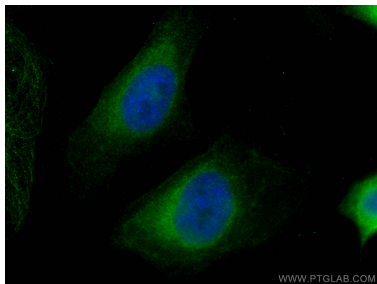
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67488-1-Ig (HRD1/SYVN1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67488-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67488-1-Ig (HRD1/SYVN1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67488-1-PBS in a different storage buffer formulation.



WB result of HRD1/SYVN1 antibody (67488-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HRD1/SYVN1 transfected HeLa cells. This data was developed using the same antibody clone with 67488-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HRD1/SYVN1 antibody (67488-1-Ig, Clone: 2C8A7) at dilution of 1:400 and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67488-1-PBS in a different storage buffer formulation.