

For Research Use Only

GP73/GOLPH2 Monoclonal antibody, PBS Only



Catalog Number: 66331-1-PBS

Featured Product

Basic Information

Catalog Number:

66331-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7207

GenBank Accession Number:

BC001740

GeneID (NCBI):

51280

UNIPROT ID:

Q8NBJ4

Full Name:

golgi membrane protein 1

Calculated MW:

45 kDa

Observed MW:

73 kDa

Purification Method:

Protein A purification

CloneNo.:

3D1F1

Applications

Tested Applications:

WB,IHC,IF,ELISA

Species Specificity:

human

Background Information

Golgi phosphoprotein 2 (GOLPH2, also known as GP73 or GOLM1) is a resident Golgi type-II membrane protein. It is predominantly expressed in the epithelial cells of many human tissues. GOLPH2 traffics through endosomes and can be secreted into the circulation. Its expression is upregulated in a number of tumors and GOLPH2 could be a promising serum marker for hepatocellular carcinoma. We got 73 kDa in western blotting due to phosphorylation.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS only

Aliquoting is unnecessary for -20°C storage

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

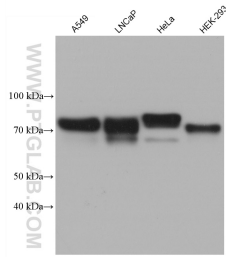
T: 4006900926

E: Proteintech-CN@ptglab.com

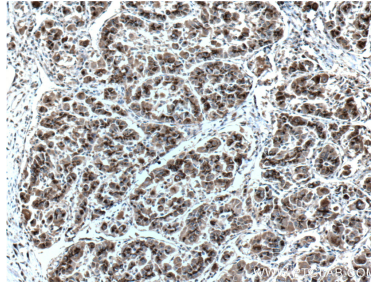
W: ptgcn.com

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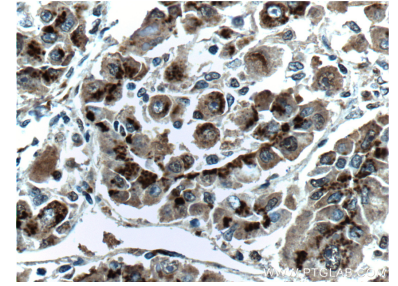
Selected Validation Data



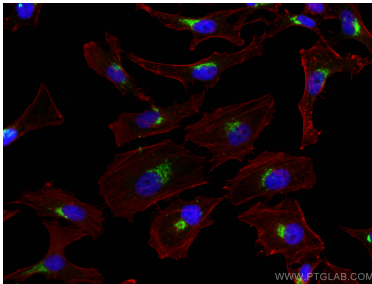
Various lysates were subjected to SDS PAGE followed by western blot with 66331-1-Ig (GP73/GOLPH2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66331-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66331-1-Ig (GP73/GOLPH2 antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66331-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66331-1-Ig (GP73/GOLPH2 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66331-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using GP73/GOLPH2 antibody (66331-1-Ig, Clone: 3D1F1) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 66331-1-PBS in a different storage buffer formulation.