

For Research Use Only

GP73/GOLPH2 Monoclonal antibody

Catalog Number: 66331-1-Ig

Featured Product

5 Publications



Basic Information

Catalog Number: 66331-1-Ig	GenBank Accession Number: BC001740	Purification Method: Protein A purification
Size: 150ul , Concentration: 2100 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51280	CloneNo.: 3D1F1
Source: Mouse	UNIPROT ID: Q8NBJ4	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:20-1:200 IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: golgi membrane protein 1	
Immunogen Catalog Number: AG7207	Calculated MW: 45 kDa	
	Observed MW: 73 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : A549 cells, LNCaP cells, HeLa cells, HEK-293 cells IHC : human liver cancer tissue, IF/ICC : HeLa cells,
Cited Applications: WB, IF	
Species Specificity: human	
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Meng Wang	34268128	Front Oncol	WB
Wei-Qing Shao	35443161	Cell Rep	WB
Ryutaro Moriyama	39153130	Histochem Cell Biol	IF

Storage

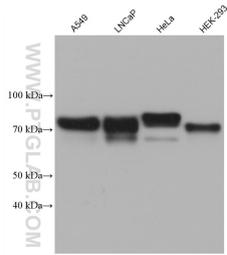
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

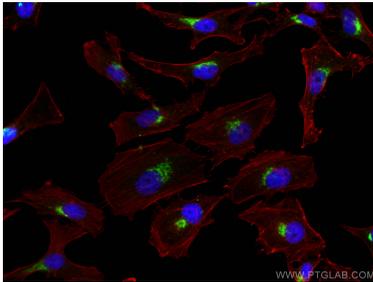
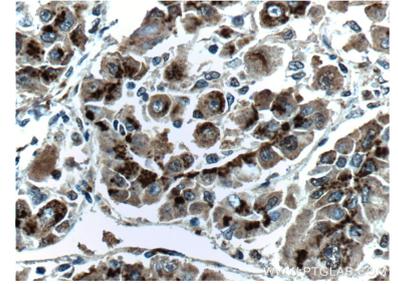
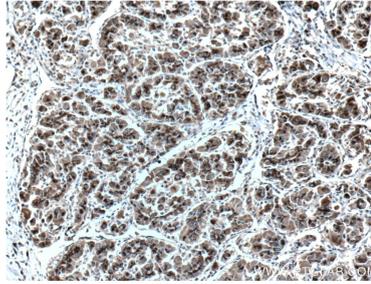
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

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.



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 Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).