

For Research Use Only

# CoraLite® Plus 488-conjugated GP73/GOLPH2 Monoclonal antibody



Catalog Number: **CL488-66331**

## Basic Information

Catalog Number: <b>CL488-66331</b>	GenBank Accession Number: <b>BC001740</b>	Purification Method: <b>Protein G purification</b>
Size: <b>1000 µg/ml</b>	GeneID (NCBI): <b>51280</b>	CloneNo.: <b>3D1F1</b>
Source: <b>Mouse</b>	UNIPROT ID: <b>Q8NB14</b>	Recommended Dilutions: <b>IF 1:50-1:500</b>
Isotype: <b>IgG1</b>	Full Name: <b>golgi membrane protein 1</b>	Excitation/Emission maxima wavelengths: <b>493 nm / 522 nm</b>
Immunogen Catalog Number: <b>AG7207</b>	Calculated MW: <b>45 kDa</b>	

## Applications

Tested Applications: <b>FC (Intra), IF/ICC</b>	Positive Controls: <b>IF : HepG2 cells,</b>
Species Specificity: <b>human</b>	

## 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. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

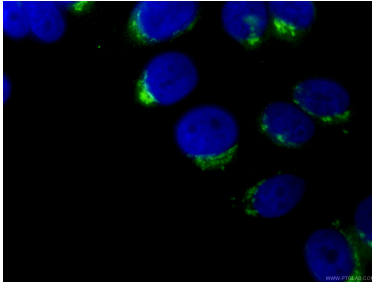
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

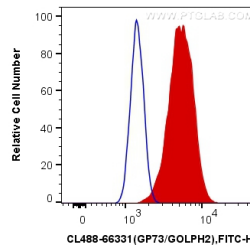
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CL488-66331 (GP73/GOLPH2 antibody) at dilution of 1:100.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human GP73/GOLPH2 (CL488-66331, Clone:3D1F1) (red), or 0.4 ug Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).