

For Research Use Only

CoraLite® Plus 488-conjugated GP73/GOLPH2 Monoclonal antibody



Catalog Number: **CL488-66331**

Basic Information

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

Applications

Tested Applications: FC (Intra), IF/ICC	Positive Controls: IF : HepG2 cells,
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. 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:

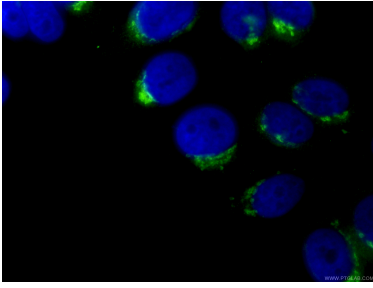
T: 4006900926

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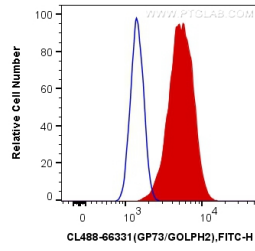
W: ptgcn.com

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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.



1X10⁶ 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).