

For Research Use Only

CoraLite® Plus 488-conjugated GP73/GOLPH2 Monoclonal antibody

Catalog Number: CL488-66331

Featured Product



Basic Information

Catalog Number:

CL488-66331

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

Purification Method:

Protein G purification

CloneNo.:

3D1F1

Recommended Dilutions:

IF/ICC: 1:50-1:500

FC (Intra): 0.40 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells,

FC (Intra) : HeLa cells,

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

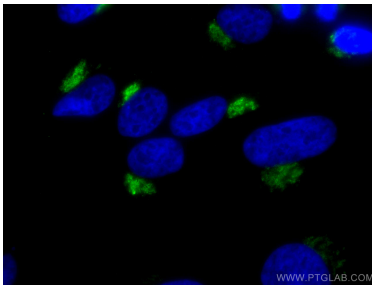
T: 4006900926

E: Proteintech-CN@ptglab.com

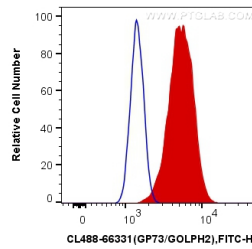
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 GP73/GOLPH2 antibody (CL488-66331, Clone: 3D1F1) at dilution of 1:200.



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.