

For Research Use Only

CoraLite® Plus 488-conjugated TGN46 Recombinant antibody

Catalog Number: CL488-83099-2



Basic Information

Catalog Number:

CL488-83099-2

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4470

GenBank Accession Number:

BC028219

GeneID (NCBI):

10618

UNIPROT ID:

O43493

Full Name:

trans-golgi network protein 2

Calculated MW:

447 aa, 47 kDa

Observed MW:

90-100 kDa

Purification Method:

Protein A purification

CloneNo.:

230376D6

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells,

Background Information

TGN46 (TGOLN2), the human homologue of rat Tgn38, is a transmembrane glycoprotein predominantly localized to the TGN (trans-Golgi network). TGN is a major secretory pathway sorting station for proteins and lipids. TGN46 may be involved in regulating membrane traffic to and from TGN. Alternatively spliced transcript variants encode different TGN46 isoforms. TGN46 has an apparent molecular mass of 100-150 kDa, suggesting extensive O- and N-glycosylations.

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:

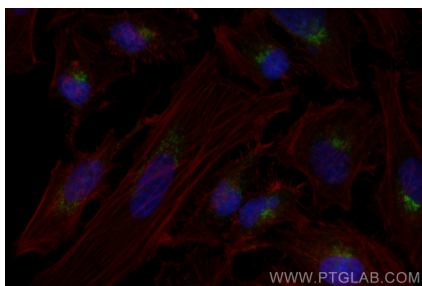
T: 4006900926

E: Proteintech-CN@ptglab.com

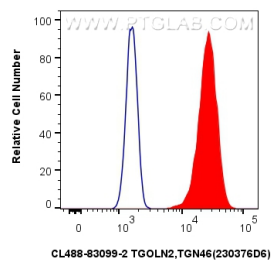
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 TGN46 antibody (CL488-83099-2, Clone: 230376D6) at dilution of 1:200.



1x10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488-conjugated TGN46 Recombinant antibody (CL488-83099-2, Clone:230376D6)(red), or 0.4 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).