

For Research Use Only

# CoraLite®594-conjugated TGN46 Recombinant monoclonal antibody

Catalog Number: CL594-83099-2



## Basic Information

Catalog Number:

CL594-83099-2

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

Purification Method:

Protein A purification

CloneNo.:

230376D6

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima  
wavelengths:

588 nm / 604 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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

T: 4006900926

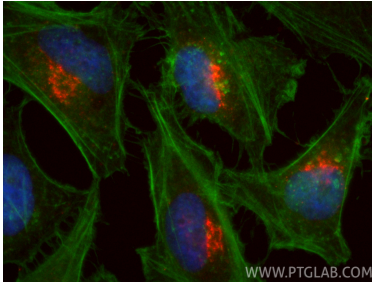
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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

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

---

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite®594 TGN46 antibody (CL594-83099-2, Clone: 230376D6 ) at dilution of 1:200, CL488-phalloidin (green).