

For Research Use Only

CoraLite®594-conjugated TGN46 Recombinant monoclonal antibody

Catalog Number:CL594-83099-2



Basic Information

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|--|--|---|
| Catalog Number: CL594-83099-2 | GenBank Accession Number: BC028219 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 ug/ml by Nanodrop; | GeneID (NCBI): 10618 | CloneNo.: 230376D6 |
| Source: Rabbit | UNIPROT ID: O43493 | Recommended Dilutions: IF/ICC: 1:50-1:500 |
| Isotype: IgG | Full Name: trans-golgi network protein 2 | Excitation/Emission maxima wavelengths: 588 nm / 604 nm |
| Immunogen Catalog Number: AG4470 | Calculated MW: 447 aa, 47 kDa | |

Applications

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|---------------------------------------|---|
| Tested Applications: IF/ICC | Positive Controls: IF/ICC : HeLa cells, |
| Species Specificity: human | |

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.

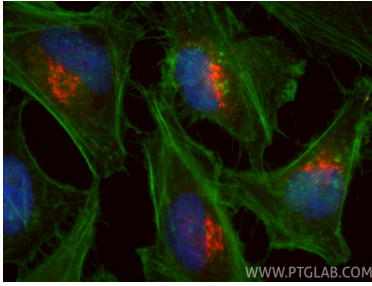
Storage

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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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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).