

Product Data Sheet: TGN38

Cat. No: MAB-94619

Size: 100 ug
Clone: TG21
Concentration: 1mg/ml
Host: Rb

Isotype: IgG

Immunogen: A synthesized peptide derived from human TGN46

Reactivity: Hu

Western Blot: 1:500 - 1:2000

Applications: Immunohistochemistry: 1:50 – 1:200

Immunofluorescence: 1:50 - 1:200

Molecular Weight: 90-100kDa **Purification:** Aff. Pur.

Synonyms: TGN38; TGN46; TGN48; TGN51; TTGN2

This gene encodes a type I integral membrane protein that is localized to the

trans-Golgi network, a major sorting station for secretory and membrane proteins.

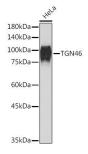
Background: The encoded protein cycles between early endosomes and the trans-Golgi

network, and may play a role in exocytic vesicle formation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Form: Liquid

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Storage: Store for short term at 4-8°C .At -20°C for longer term. Avoid freeze / thaw cycles.



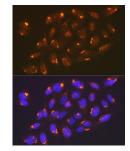
Western blot analysis of extracts of HeLa cells, using TGN38 Rabbit mAb at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL West Pico Plus Exposure time: 1s.



Immunohistochemistry of paraffin Embedded human liver using TGN38 Rabbit mAb at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U-2 OS cells using TGN38 Rabbit mAb at dilution of 1:100 (40x lens).
Blue: DAPI for nuclear staining.

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