

For Research Use Only

# TMED9 Monoclonal antibody, PBS Only

Catalog Number: 60631-7-PBS



## Basic Information

|                           |             |                           |                                                           |                      |                        |
|---------------------------|-------------|---------------------------|-----------------------------------------------------------|----------------------|------------------------|
| Catalog Number:           | 60631-7-PBS | GenBank Accession Number: | BC001123                                                  | Purification Method: | Protein A purification |
| Source:                   | Mouse       | GeneID (NCBI):            | 54732                                                     | CloneNo.:            | 3E10H6                 |
| Isotype:                  | IgG2b       | UNIPROT ID:               | Q9BVK6                                                    |                      |                        |
| Immunogen Catalog Number: | AG13754     | Full Name:                | transmembrane emp24 protein transport domain containing 9 |                      |                        |
|                           |             | Calculated MW:            | 235 aa, 27 kDa                                            |                      |                        |
|                           |             | Observed MW:              | 24-27 kDa                                                 |                      |                        |

## Applications

Tested Applications:  
WB, IHC, Indirect ELISA

Species Specificity:  
human, mouse, rat

## Background Information

TMED9 (also named as GMP25, GP25L2, or p25) is a member of the EMP24/GP25L family. TMED9 probably forms hetero-oligomeric complexes with TMED7 (p27), TMED2 (p24), and TMED10 (p23) (PMID: 10359607). Located in the endoplasmic reticulum and the Golgi, TMED9 appears to be involved in vesicular protein trafficking, mainly in the early secretory pathway (PMID: 9472029; 10359607).

## Storage

Storage:  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:  
PBS only, pH7.3

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

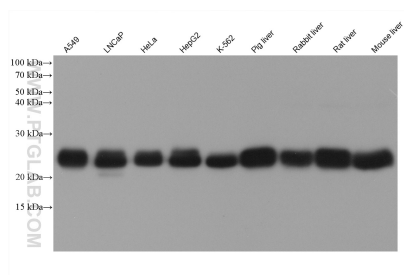
T: 4006900926

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

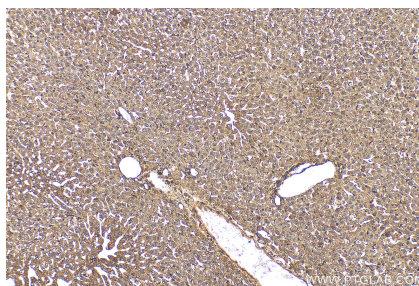
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60631-7-Ig (TMED9 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60631-7-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 60631-7-Ig (TMED9 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60631-7-PBS in a different storage buffer formulation.