

For Research Use Only

# TMED9 Monoclonal antibody, PBS Only

Catalog Number: 60631-7-PBS



## Basic Information

Catalog Number:

60631-7-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG13754

GenBank Accession Number:

BC001123

GeneID (NCBI):

54732

UNIPROT ID:

Q9BVK6

Full Name:

transmembrane emp24 protein transport domain containing 9

Calculated MW:

235 aa, 27 kDa

Observed MW:

24-27 kDa

Purification Method:

Protein A purification

CloneNo.:

3E10H6

## 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.

Storage Buffer:

PBS only, pH7.3

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

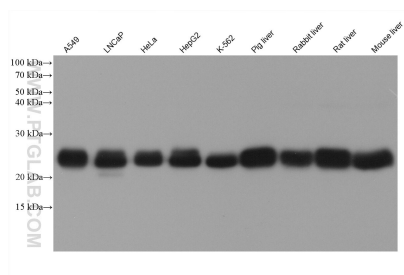
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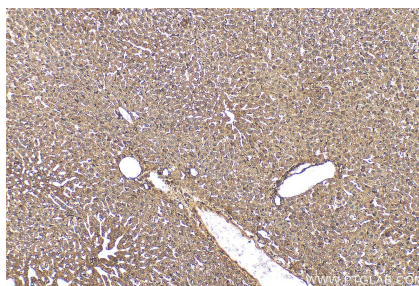
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## Selected Validation Data



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.