

TMED9 Monoclonal antibody

Catalog Number: 60631-7-Ig

Basic Information

Catalog Number:

60631-7-Ig

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

Recommended Dilutions:

WB: 1:5000-1:50000

IHC: 1:500-1:2000

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB: A549 cells, LNCaP cells, HeLa cells, HepG2 cells,
K-562 cells, pig liver tissue, mouse liver tissue, rat
liver tissue

IHC: mouse liver tissue,

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:

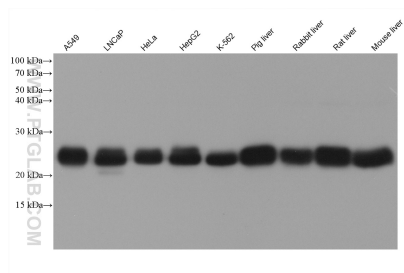
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

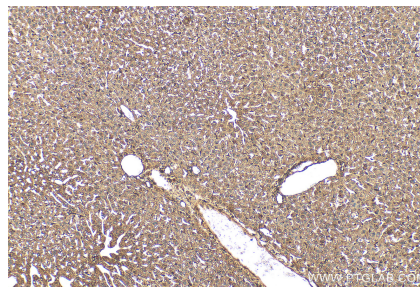
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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.



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).