

TMED9 Monoclonal antibody

Catalog Number: 60631-7-Ig

Basic Information

Catalog Number: 60631-7-Ig	GenBank Accession Number: BC001123	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 54732	CloneNo.: 3E10H6
Source: Mouse	UNIPROT ID: Q9BVK6	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:500-1:2000
Isotype: IgG2b	Full Name: transmembrane emp24 protein transport domain containing 9	
Immunogen Catalog Number: AG13754	Calculated MW: 235 aa, 27 kDa	
	Observed MW: 24-27 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : A549 cells, LNCaP cells, HeLa cells, HepG2 cells, K-562 cells, pig liver tissue, mouse liver tissue, rat liver tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	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

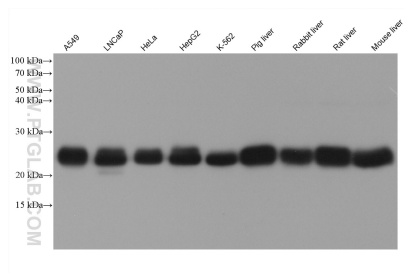
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

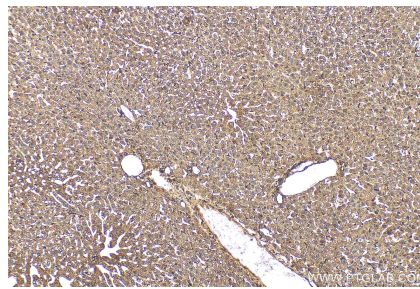
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.



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).