

For Research Use Only

TMEM97 Recombinant monoclonal antibody

Catalog Number: 86837-1-RR



Basic Information

Catalog Number: 86837-1-RR	GenBank Accession Number: BC045655	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 27346	CloneNo.: 251796B8
Isotype: IgG	UNIPROT ID: Q5BJF2	Recommended Dilutions: WB: 1:5000-1:50000
Immunogen Catalog Number: AG34803	Full Name: transmembrane protein 97	
	Observed MW: 19-20 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HeLa cells, HEK-293T cells, MCF-7 cells, BT-549 cells, Caco-2 cells, mouse testis tissue

Background Information

Transmembrane protein 97 (TMEM97) is an endoplasmic reticulum (ER)-residing protein that belongs to the EXPERA domain-containing family whose function is overall understudied. TMEM97 is also linked to cholesterol homeostasis, Niemann-Pick disease, Alzheimer disease, and neuropathic pain. Intriguingly, TMEM97 was recently unveiled to be the sigma-2 receptor (S2R), an enigmatic drug-binding site that had been pharmaceutically targeted for decades in treating psychotic disorders. (PMID: 39995975, PMID: 38290642)

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

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

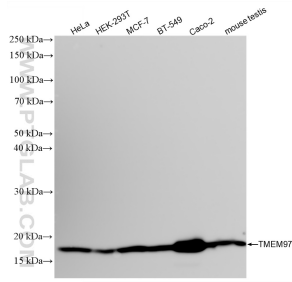
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86837-1-RR (TMEM97 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.