

For Research Use Only

TMEM97 Recombinant monoclonal antibody, PBS Only

Catalog Number:86837-1-PBS



Basic Information

Catalog Number: 86837-1-PBS	GenBank Accession Number: BC045655	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 27346	CloneNo.: 251796B8
Source: Rabbit	UNIPROT ID: Q5BJF2	
Isotype: IgG	Full Name: transmembrane protein 97	
Immunogen Catalog Number: AG34803	Observed MW: 19-20 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse

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 -80°C.

Storage Buffer:
PBS only, pH7.3

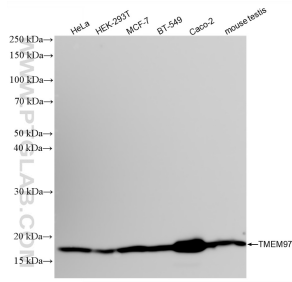
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 86837-1-PBS in a different storage buffer formulation.