

For Research Use Only

TMEM97 Recombinant monoclonal antibody, PBS Only

Catalog Number:86837-1-PBS



Basic Information

Catalog Number:

86837-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34803

GenBank Accession Number:

BC045655

GeneID (NCBI):

27346

UNIPROT ID:

Q5BJF2

Full Name:

transmembrane protein 97

Observed MW:

19-20 kDa

Purification Method:

Protein A purification

CloneNo.:

251796B8

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

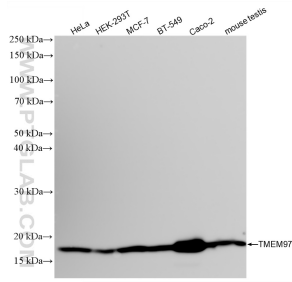
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.