

For Research Use Only

# TMEM106B Monoclonal antibody, PBS Only



Catalog Number: 60333-1-PBS

Featured Product

## Basic Information

Catalog Number:

60333-1-PBS

Size:

100ug, Concentration: 1 mg/ml by  
Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG21448

GenBank Accession Number:

BC033901

GeneID (NCBI):

54664

UNIPROT ID:

Q9NUM4

Full Name:

transmembrane protein 106B

Calculated MW:

31 kDa

Observed MW:

~40 kDa

Purification Method:

Protein G purification

CloneNo.:

5D1F8

## Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human

## Background Information

TMEM106B is a genetic risk factor for frontotemporal lobar degeneration with TDP-43 inclusions (FTLD-TDP). Amyotrophic lateral sclerosis (ALS), like FTLD-TDP, is characterized by pathological TDP-43 inclusions. TMEM106B expression in the brain may be linked to mechanisms of disease in FTLD-TDP and risk alleles confer genetic susceptibility by increasing gene expression.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

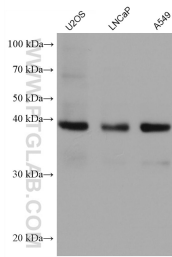
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

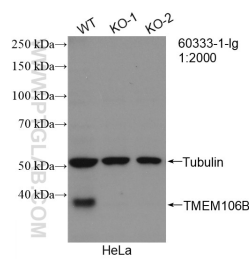
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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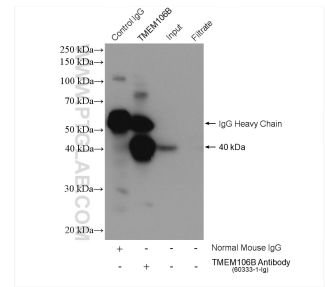
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60333-1-Ig (TMEM106B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60333-1-PBS in a different storage buffer formulation.



WB result of TMEM106B antibody (60333-1-Ig; 1:2000; room temperature for 1.5 hours) with wild-type and TMEM106B knockout HeLa cells. This data was developed using the same antibody clone with 60333-1-PBS in a different storage buffer formulation.



IP result of anti-TMEM106B (IP:60333-1-Ig, 5ug; Detection:60333-1-Ig 1:500) with HeLa cells lysate 1720 ug. This data was developed using the same antibody clone with 60333-1-PBS in a different storage buffer formulation.