

For Research Use Only

# Phospho-TAU (Thr205) Recombinant monoclonal antibody

Catalog Number:86669-1-RR



## Basic Information

Catalog Number:

86669-1-RR

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC000558

GeneID (NCBI):

4137

UNIPROT ID:

P10636

Full Name:

microtubule-associated protein tau

Calculated MW:

37-46, 79-81 kDa

Observed MW:

45-60 kDa

Purification Method:

Protein A purification

CloneNo.:

251173E12

Recommended Dilutions:

WB: 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse brain tissue, FAD3T mouse brain tissue, <sup>λ</sup> phosphatase treated mouse brain tissue

## Background Information

Tau is hyperphosphorylated during aging and in age-related neurodegenerative diseases such as Alzheimer's disease (AD) and fronto-temporal dementia. Hyperphosphorylation of Tau leads to the formation of neurofibrillary tangles (NFT) in the neurons and glia cells, which is one of the hallmarks of AD.

## 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:

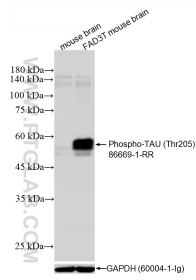
T: 4006900926

E: Proteintech-CN@ptglab.com

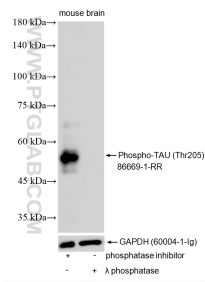
W: ptgcn.com

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 86669-1-RR (Phospho-TAU (Thr205) antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody (60004-1-Ig) as loading control. The FAD3T mouse is a triple transgenic model expressing APP, PS1, and Tau transgenes.



Phosphatase inhibitor treated and  $\lambda$  phosphatase treated mouse brain tissue were subjected to SDS PAGE followed by western blot with 86669-1-RR (Phospho-TAU (Thr205) antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody (60004-1-Ig) as loading control.