

For Research Use Only

# Phospho-TAU (Thr205) Recombinant monoclonal antibody, PBS Only

Catalog Number:86669-1-PBS



## Basic Information

Catalog Number:

86669-1-PBS

Size:

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

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

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

## 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 -80°C.

Storage Buffer:

PBS only, pH7.3

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

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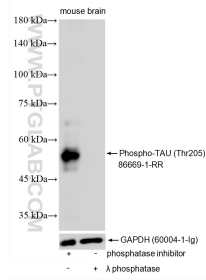
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## Selected Validation Data

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.



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. This data was developed using the same antibody clone with 86669-1-PBS in a different storage buffer formulation.