Phospho-Tau (Ser202, Thr205) recombinant monoclonal antibody (0016)

The anti-Phospho-Tau (Ser202, Thr205) antibody detects phosphorylated Tau protein at serine 202 and threonine 205.

Tau is a microtubule-associated protein that plays a critical role in stabilizing microtubules and supporting axonal transport in neurons. Aberrant phosphorylation of Tau at specific sites, including Ser202 and Thr205, disrupts its normal function and promotes the formation of neurofibrillary tangles (NFTs), a hallmark of Alzheimer's disease and other tauopathies. Phosphorylated Tau at these residues is associated with neuronal dysfunction and disease progression. Hyperphosphorylation of Tau is a key pathological feature in several neurodegenerative diseases, including Alzheimer's disease, frontotemporal dementia, and progressive supranuclear palsy. Detection of Phospho-Tau (Ser202, Thr205) is widely used in research to study disease mechanisms, monitor Tau aggregation, and evaluate potential therapeutic interventions targeting Tau phosphorylation.

This antibody is covered by our Worry-Free Guarantee.

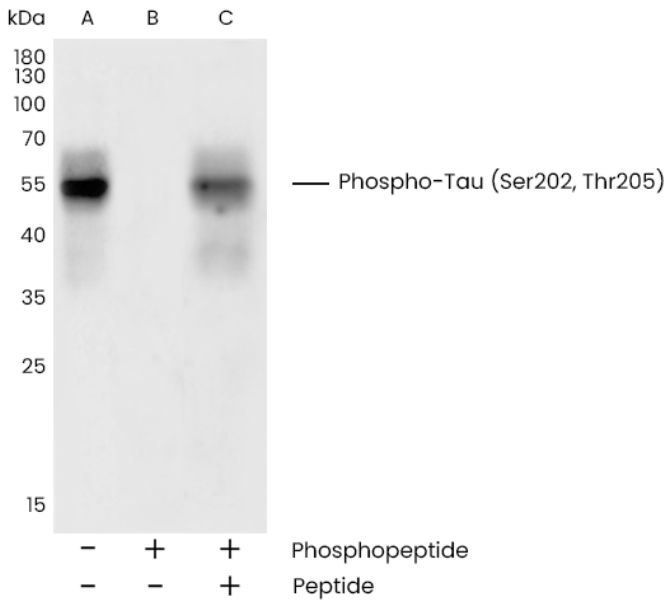
Ordering Information

Order Online »

ENZ-ABS1049-0100	100µl

Manuals, SDS & CofA

View Online »



Western blot analysis of extracts from mouse brain (line A); treated with antigen-specific phosphopeptide (line B) or antigen-specific peptide (line C) using Phospho-Tau (Ser202, Thr205) rabbit monoclonal Antibody (ENZ-ABS1049) at 1:2000 dilution.

Handling & Storage

Handling	Avoid freeze-thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	WB
Clone	0016
Formulation	Liquid. In 10 mM sodium HEPES, 150 mM NaCl, 100 µg/mL BSA, 50% glycerol, pH 7.5. Preservative-free.
Host	Rabbit
Immunogen	Synthetic phosphopeptide corresponding to residues around (Ser202, Thr205) of the Human Phospho-Tau.
Isotype	IgG
Purity Detail	Protein A purified.
Recommendation Dilutions/Conditions	Western Blot (1:2'000-1:10'000) Suggested dilutions/conditions may not be available for all applications. Optimal conditions must be determined individually for each application.
Species Reactivity	Human, Mouse, Rat
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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