Resource Summary Report

Generated by NIF on Aug 12, 2026

Phospho-Tau (Ser202, Thr205) Monoclonal Antibody (AT8)

RRID:AB_223647
Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# MN1020, RRID:AB_223647)

Antibody Information

URL: http://antibodyregistry.org/AB_223647

Proper Citation: (Thermo Fisher Scientific Cat# MN1020, RRID:AB_223647)

Target Antigen: Phospho-Tau (Ser202, Thr205)

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: ICC/IF, IHC-P, WB
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE

Antibody Name: Phospho-Tau (Ser202, Thr205) Monoclonal Antibody (AT8)

Description: This monoclonal targets Phospho-Tau (Ser202, Thr205)

Target Organism: mouse, human

Clone ID: Clone AT8

Defining Citation: PMID:20621427, PMID:23144624, PMID:22115895, PMID:23609018, PMID:22095718, PMID:18485099, PMID:25745387, PMID:22995388, PMID:18000817, PMID:18410407, PMID:20061514, PMID:19321462, PMID:24412516, PMID:26778963, PMID:20209627, PMID:26936765, PMID:22127507, PMID:21726270, PMID:26293123, PMID:21694451, PMID:20410196, PMID:23118350, PMID:22142809, PMID:26857506, PMID:24252759, PMID:22986780, PMID:23121727, PMID:23632019, PMID:19166821, PMID:20394726, PMID:25761889, PMID:27427974, PMID:23948940, PMID:22547371, PMID:25297091, PMID:21846727, PMID:20595388, PMID:21303697, PMID:19026996,

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Antibody ID: AB_223647

Vendor: Thermo Fisher Scientific

Catalog Number: MN1020

Record Creation Time: 20250927T071228+0000

Record Last Update: 20260408T215525+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE - NYU Langone???s??Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Phospho-Tau (Ser202, Thr205) Monoclonal Antibody (AT8).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 235 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Sabir U, et al. (2026) Sex-specific effects of acetylation on tauopathy in aging htau mice. Scientific reports, 16(1).

Zou Y, et al. (2026) Blood-brain barrier-penetrative lipid nanoparticles enable systemic delivery of TRIM11 mRNA to disaggregate Tau in Alzheimer's disease models. Cell reports. Medicine, 7(3), 102685.

Saurat N, et al. (2026) Genome-wide CRISPR screen identifies neddylation as a regulator of neuronal aging and AD neurodegeneration. Cell stem cell, 33(2), 355.

Shahidehpour RK, et al. (2026) Data-driven thresholds for standardized classification of severe Alzheimer's disease neuropathology using digital neuropathology. Brain pathology (Zurich, Switzerland), e70102.

Schreiner S, et al. (2026) An integrated multiscale imaging workflow to resolve intracellular co-pathology in human FFPE brain tissue. Free neuropathology, 7, 13.

Horndrup MP, et al. (2026) Loss of Neocortical Oligodendrocytes in Parkinson's Disease Patients-A Stereological Study. Journal of neuroscience research, 104(7), e70146.

Hebisch M, et al. (2026) Recapitulation of plaque formation, tau pathology, and neurodegeneration in a human 3D matrix model of Alzheimer's disease. Cell reports methods, 6(4), 101365.

Chen X, et al. (2026) Glucose hypometabolism and hyperphosphorylated Tau synergistically drive neuronal necroptosis. Neuron.

Karakaya E, et al. (2026) Eicosapentaenoic acid reprograms cerebrovascular metabolism and impairs repair after brain injury, with relevance to chronic traumatic encephalopathy. Cell reports, 117135.

Sun Z, et al. (2026) Three-dimensional direct neuronal reprogramming for modeling Alzheimer's disease neuropathology. Nature protocols.

Mendoza-Silva V, et al. (2026) The MacBrain Resource Center (MBRC) rhesus macaque postnatal brain histology datasets: Enabling new discoveries through NHP tissue and digital data Repositories. Journal of anatomy.

Ishikawa KI, et al. (2026) Suppression of ATM kinase signaling accelerates cellular senescence. Stem cell reports, 21(7), 102956.

Tyagi M, et al. (2026) Arc mediates intercellular tau transmission via extracellular vesicles. Cell, 189(15), 4706.

Li Y, et al. (2026) Lentinan attenuates tau phosphorylation and memory deficits in hTau-overexpressing mice. Brain research, 1885, 150340.

Lim S, et al. (2026) Tau PET overlap index correlation with neuropathological findings. Alzheimer's & dementia : the journal of the Alzheimer's Association, 22(3), e71241.

Zhu W, et al. (2026) Phosphoproteomics identifies Rho-kinase-associated phospho-signaling and autophagy-associated alterations in the medial prefrontal cortex of a schizophrenia-related mouse model. Pharmacological research, 228, 108201.

Li J, et al. (2026) The role of IGF1 signaling in remote ischemic conditioning-mediated amelioration of Alzheimer's disease pathology and cerebral insulin resistance. Experimental neurology, 400, 115685.

Ellingford R, et al. (2026) Alzheimer's disease pathology degrades an NMDA receptor-dependent spontaneous activity pattern in cortico-hippocampal circuits. Neuron, 114(13), 2386.

Etxeberria A, et al. (2026) Microglia-mediated protection against Alzheimer's disease pathology and detrimental effects in white matter revealed by Ptpn6 deletion. Neuron, 114(13), 2367.

Abd Alla J, et al. (2026) Analysis of GRK2 aggregation in the pathology of Alzheimer disease in animal models. Cell reports. Medicine, 7(4), 102707.