

Mouse anti-Human, Mouse Thr181 phosphorylated Tau Monoclonal Antibody

mAb anti-human Thr181 phosphorylated Tau

CATALOG # AAA77950	HOST Mouse	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Western Blot
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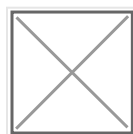
PRODUCT SYNONYMS

Thr181 phosphorylated Tau; Monoclonal Antibody; mAb anti-human Thr181 phosphorylated Tau; Tau Protein (Thr181 Phosphorylated); Mouse monoclonal antibody against Thr181 phosphorylated Tau protein; anti-Thr181 phosphorylated Tau antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	9B4
Specificity	This antibody reacts with the unconjugated Thr181 phosphorylated Tau peptide.
Purity/Purification	Protein G affinity purified
Form/Format	Lyophilized from a solution in 0.01M PBS pH7.2
Applicable Applications for anti-Thr181 phosphorylated Tau antibody	ELISA (Indirect ELISA), WB (Western Blot)
Target Protein	Human Thr181 phosphorylated Tau
Immunogen	KLH conjugated with a short peptide [Ala-Pro-Lys-Thr(p)-Pro-Pro-Ser-Ser-Gly-Glu-Cys], corresponding to the amino acid sequence 177-187 on the phosphorylated Tau protein.
Myeloma	Sp2/0-Ag14
Light Chain	Kappa
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00mg/mL. Avoid repeated freeze and thaw cycle.
Research Area	Alzheimer's disease and other neurodegenerative diseases
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-Thr181 phosphorylated Tau antibody	Description: Mouse monoclonal antibody against Thr181 phosphorylated Tau protein background: Tau is a highly soluble microtubule associated protein found in high concentration in neuron of central nervous system. The main function of the protein is stabilizing the microtubule in nerve fibre (axon). There are six tau isoforms which are formed by alternate splicing. Hyperphosphorylation of Tau protein results in aggregation and formation of neurofibrillary tangles, which is significantly associated with cognitive impairment in Alzheimer's disease. Tau Thr181 phosphorylation has been used as a biomarker for the differentiation of Alzheimer's disease and other primary dementia such as dementia with Lewy bodies.
Product Categories/Family for anti-Thr181 phosphorylated Tau antibody	Primary antibody; Monoclonal Antibodies to Neurological Disorder Proteins

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/thr181-phosphorylated-tau-antibody-clone-9b4-indirect-elisa-western-blot-elisa/77950>