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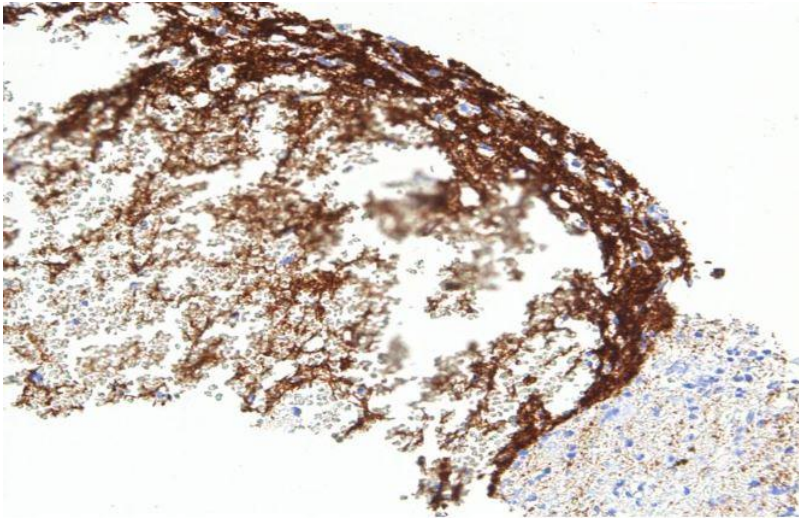
<b>Catalog Number:</b>	MO47000	<b>Host:</b>	Mouse
<b>Product Type:</b>	Mouse Monoclonal IgG	<b>Species Reactivity:</b>	Human
<b>Immunogen Sequence:</b>	Recombinant Human Tau (Longest Brain Isoform 441 aa)	<b>Format:</b>	Liquid with PBS buffer, pH 7.4 with 0.02% Sodium Azide
<b>Applications:</b>	Immunohistochemistry: 1:1,000-3,000		

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

**Storage:** The product can be stored undiluted for several weeks at 4°C. Dilute only immediately before use. Aliquot and store at -20°C long term. Avoid freeze thaw-cycles.

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### Application Notes



#### Description/Data:

Tau Antibody is designed for detection of Tau/MAPT protein expressing tissue or lysates. Tau proteins are abundant in the neurons of the central nervous system (CNS) which play a role as stabilizing microtubules. Studies have shown tau plays a pathological aggregation role in Alzheimer's disease, most commonly via tau tangles. The hyperphospholation of tau protein have been associated with other taupathies.

*Image: Immunohistochemistry staining of MO47000 on human brain tissue.*

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Neuromics Antibodies • 5325 West 74<sup>th</sup> Street, Suite 8 • Edina, MN 55439  
phone 866-350-1500 • fax 612-677-3976 • e-mail: [pshuster@neuromics.com](mailto:pshuster@neuromics.com)