

# Phospho-PHF-tau pThr212+Ser214 Antibody (AT100)

Lot Number: PK208100

## Product Data Sheet

Tested Species Reactivity	Published Species Reactivity
Human (Hu)	Chicken (Ck)
	Drosophila (Dm)
	Human (Hu)
	Mouse (Ms)
	Rat (Rt)

Tested Applications	Dilution *
Western Blot (WB)	Assay Dependent
Immunohistochemistry (IHC)	Assay Dependent
ELISA (ELISA)	Assay Dependent
Published Applications	Dilution
Western Blot (WB)	See publications
Immunocytochemistry (ICC)	See publications
Immunohistochemistry (IHC)	See publications
Immunoprecipitation (IP)	See publications

\* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details	
<b>Catalog Number:</b>	MN1060
<b>Size:</b>	100 ug
<b>Class:</b>	Monoclonal
<b>Type:</b>	Antibody
<b>Clone:</b>	AT100
<b>Host / Isotype:</b>	Mouse / IgG1, kappa
<b>Immunogen:</b>	Purified human Tau

Form Information	
<b>Form:</b>	Liquid
<b>Concentration:</b>	0.2mg/ml
<b>Purification:</b>	Protein A
<b>Storage Buffer:</b>	PBS
<b>Preservative:</b>	no preservative
<b>Storage Conditions:</b>	-20° C, Avoid Freeze/Thaw Cycles

Product Specific Information	General Information
MN1060 targets PHF-tau (Thr212/Ser214) in ELISA, IHC, and WB applications and shows reactivity with Human samples.	Paired helical filament (PHF) is a major component of the neurofibrillary tangles involved in the pathology of Alzheimer's disease. PHFs are composed of the microtubule-associated protein tau in a hyper-phosphorylated state (ref1). Tau protein is produced by a single gene expressed predominantly in neurons. The Tau gene undergoes complex alternative splicing, yielding six different isoforms of tau in the adult brain. Following translation, the tau protein can be further modified by phosphorylation at several different sites
The MN1060 immunogen is purified human Tau.	
MN1060 detects PHF-tau (Thr212/Ser214) which has a predicted molecular weight of approximately 79 kDa.	
This product is a Low Endotoxin formulation.	
<i>For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.</i>	

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample turned to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.

Thermo Fisher  
3747 N. Meridian Road

PO Box 117  
Rockford, IL 61105 USA

(815) 968-0747 OR (800) 874-3723  
(815) 968-7316 fax

[thermoscientific.com](http://thermoscientific.com)

**Thermo**  
SCIENTIFIC