

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

Lot Number: RF2207392
Product Data Sheet

Tested Species Reactivity	Published Species Reactivity
Human (Hu)	Canine (Ca)
	Drosophila (Dm)
	(Drosophila)
	Hamster (Hm)
	Human (Hu)
	(Human)
	(Mouse)
	Mouse (Ms)
	Non-human primate (Nhp)
	(Rat)
	Rabbit (Rb)
	Rat (Rt)

Tested Applications	Dilution *
Western Blot (WB)	Assay Dependent
Immunofluorescence (IF)	Assay Dependent
Immunohistochemistry (Paraffin) (IHC (P))	Assay Dependent
ELISA (ELISA)	Assay Dependent
Published Applications	Dilution
Western Blot (WB)	See publications
Immunocytochemistry (ICC)	See publications
Immunohistochemistry (IHC)	See publications
Immunohistochemistry - Free Floating (IHC (Free))	See publications
Immunohistochemistry (Paraffin) (IHC (P))	See publications
ELISA (ELISA)	See publications
(Misc)	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.

Product Specific Information	General Information
MN1020 targets PHF-tau (Ser202/Thr205)a in ELISA, IF, IHC(P), 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 MN1020 immunogen is partially purified human PHF-Tau.	
MN1020 detects PHF-tau (Ser202/Thr205)a which has a predicted molecular weight of approximately 79 kDa.	
This product is a Low Endotoxin formulation.	
For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.	

Details	
Catalog Number:	MN1020
Size:	100 ug
Class:	Monoclonal
Type:	Antibody
Clone:	AT8
Host / Isotype:	Mouse / IgG1
Immunogen:	Partially purified human PHF-Tau

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

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