

MAPT

Anti-Human MAPT/Tau/PHF-tau (MC1) mAb

Catalog No.	RHC82420A RHC82420B	Quantity:	100 µg 1.0 mg
Alternate Names:	Microtubule-associated protein tau, TAU, Neurofibrillary tangle protein, Paired helical filament-tau, PHF-tau		
Description:	<p>Tau protein is a microtubule-associated protein, predominantly expressed in the neurons, closely associated with the proper functioning of the cytoskeletal network in terms of microtubule assembly. Tau protein in the CSF is considered as an important biomarker of several disorders of the CNS where axonal damage is contemplated.</p> <p>In Alzheimer disease, the neuronal cytoskeleton in the brain is progressively disrupted and replaced by tangles of paired helical filaments (PHF) and straight filaments, mainly composed of hyperphosphorylated forms of TAU (PHF-TAU or AD P-TAU).</p>		
UniProt ID (target):	P10636		
Specificity:	Human Microtubule-associated protein tau		
Concentration:	1.0 mg/ml, lot specific		
Source:	XtenCHO		
Isotype:	Mouse IgG2a kappa		
Formulation:	100 mM Pro-Ac, 20 mM Arg, pH 5.0 Note: change in formulation		
Purity:	> 95% by SDS-PAGE and SEC-HPLC		
Endotoxin Level:	≤ 0.1 EU/µg by LAL analysis		
Purification:	Protein A or G affinity chromatography from cell culture supernatant		
Clone:	MC1		
Applications:	ELISA		
Storage & Stability:	Store at 2-8°C for up to 1 week, or in working aliquots at -20°C to -80°C for up to 1 year. Avoid freeze/thaw cycles.		

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Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

E-mail: info@cellsciences.com
Website: www.cellsciences.com