

## MAPT

### Mouse Anti-Phospho-Tau (pS396/pS404) (SAA0294) mAb

<b>Catalog No.</b>	RHC82407A RHC82407B	<b>Quantity:</b>	100 µg 1.0 mg
<b>Alternate Names:</b>	Microtubule-associated protein tau, TAU, Neurofibrillary tangle protein, Paired helical filament-tau, PHF-tau, MAPT, MAPTL, MTBT1		
<b>Description:</b>	<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>		
<b>UniProt ID (target):</b>	P10636		
<b>Specificity:</b>	Human Microtubule-associated protein tau		
<b>Concentration:</b>	1.0 mg/ml, lot specific		
<b>Source:</b>	Mammalian cells		
<b>Isotype:</b>	Mouse IgG2a kappa		
<b>Formulation:</b>	0.01M PBS buffer, pH 7.4		
<b>Purity:</b>	> 95% by SDS-PAGE		
<b>Endotoxin Level:</b>	≤ 0.1 EU/µg by LAL analysis		
<b>Purification:</b>	Protein A or G affinity chromatography from cell culture supernatant		
<b>Clone:</b>	SAA0294		
<b>Applications:</b>	Western blot, IHC, IP		
<b>Storage &amp; Stability:</b>	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. <b>Avoid freeze/thaw cycles.</b>		

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