

MAPT

Mouse Anti-Human Phospho-Tau (pS202) (CP13) mAb

Catalog No.	RHC82422A RHC82422B	Quantity:	100 µg 1.0 mg
Alternate Names:	Microtubule-associated protein tau, TAU, Neurofibrillary tangle protein, Paired helical filament-tau, PHF-tau		
Description:	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). Phospho-tau CP13 is a monoclonal antibody that recognizes phosphorylated tau proteins in structures like neurofibrillary tangles (NFTs) in brains of people with Alzheimer's disease and other tauopathies. It's used to assess the progression of tau pathology and to study potential treatments.		
UniProt ID (target):	P10636		
Specificity:	Human (phosphorylated at serine 202) Microtubule-associated protein tau		
Concentration:	1.0 mg/ml, lot specific		
Source:	Mammalian cells		
Isotype:	Mouse IgG2a kappa		
Formulation:	0.01M PBS buffer, pH 7.4		
Purity:	> 95% by SDS-PAGE		
Endotoxin Level:	≤ 0.1 EU/µg by LAL analysis		
Purification:	Protein A/G affinity chromatography from cell culture supernatant		
Clone:	CP13		
Applications:	ELISA		
Manufacturer:	Antibody System		
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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