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MAPT
Mouse Anti-Human Phospho-Tau (pS396/pS404) (PHF1) mAb

Catalog No.	RHC82421A RHC82421B	**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 PHF-1 is a monoclonal antibody that recognizes phosphorylated tau proteins in the 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 S396 and S404) 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 and SEC-HPLC

Endotoxin Level: ≤ 0.1 EU/µg by LAL analysis

Purification: Protein A/G affinity chromatography from cell culture supernatant

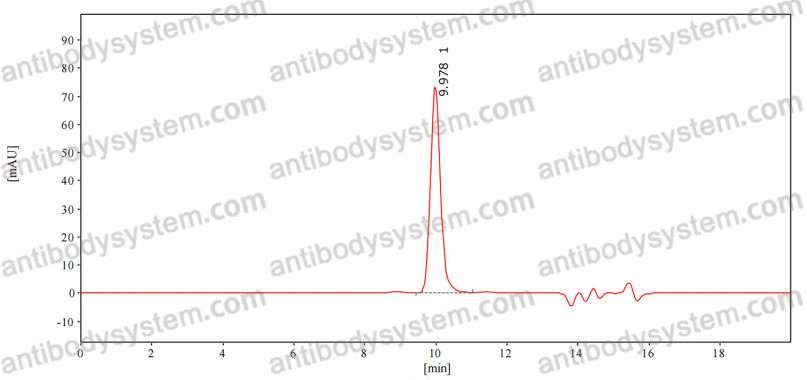
Clone: PHF1

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.**

SEC-HPLC



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