

Anti-tau [Tau-5] Standard Size Ab00639-1.1

Isotype and Format: Mouse IgG1, Kappa

Clone Number: Tau-5

Alternative Name(s) of Target: MAPT; DDPAC; FTDP-17; MAPTL; MSTD; MTBT1; MTBT2; PPND; PPP1R103; microtubule-associated protein tau

UniProt Accession Number of Target Protein:

Published Application(s): EM, IF

Published Species Reactivity: Rat, Sheep, Human, Mouse

Immunogen: Tau protein.

Specificity: This antibody binds to sequence 210-241 of tau protein.

Application Notes: This antibody binds to tau in a phosphorylation independent manner. Tau proteins are abundant in the central nervous system and stabilize microtubules. Immuno-staining can be affected by different fixation methods (see LoPresti et al. 1995).

Antibody First Published in: LoPresti P, Szuchet S, Papasozomenos SC, Zinkowski RP, Binder LI. Functional implications for the microtubule-associated protein tau: localization in oligodendrocytes. Proc Natl Acad Sci U S A. 1995 Oct 24;92(22):10369-73. [PMID:7479786](#)

Note on publication: Describes the use of Tau-5 in localizing tau protein to oligodendrocytes in the nervous system

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.