

## Anti-tau [Tau-5] Bulk Size Ab00639-2.0-BT

This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG2a, 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:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.