

Anti-Tau Oligomeric complex [TOC1] Standard Size Ab02650-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2b format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: TOC1

Alternative Name(s) of Target: TOC-1;

UniProt Accession Number of Target Protein:

Published Application(s): WB, ELISA, IF, IHC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing a mouse with electro eluted cross-linked Tau dimers.

Specificity: This antibody is specific for amino acids 209-224 of the Tau Oligomeric complex.

Application Notes: Western blot was performed on recombinant Tau and human brain homogenate using this antibody (US8697076). This antibody was used for immunogold labeling on aggregated tau samples (US8697076) (Ward et al, 2013; pmid:23979027). Tissue from the entorhinal cortex and the hippocampus of Alzheimer's patients was used for immunohistochemistry using this antibody (US8697076). Tissue from the entorhinal cortex and the hippocampus of Alzheimer's patients was used for immunofluorescence with this antibody (US8697076). Western blot was performed on different deletion mutants of the Tau protein using this antibody (Ward et al, 2013; pmid:23979027). Immunohistochemistry was performed on tissue sections of severe AD, CBD, and PSP cases from the entorhinal cortex using this antibody (Ward et al, 2013; pmid:23979027). M1C cells were used for immunocytochemistry using this antibody (Shirafuji et al, 2018; pmid:29562600). Proteins from M1C cells were blotted with this antibody (Shirafuji et al, 2018; pmid:29562600). ELISA was performed on S1 fractions from a 9 month old murine PS19 cortex using this antibody (Apicco et al, 2017; pmid:29273772).

Antibody First Published in: Ward et al. TOC1: characterization of a selective oligomeric tau antibody. J Alzheimers Dis. 2013;37(3):593-602. [PMID:2.40E+07](#)

Note on publication: The TOC1 antibody is characterized.

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.