

**Anti-Tau Protein**  
**Mouse monoclonal antibody**  
**HYB 338-01**

Subclass: IgG2a/k  
Clone: 7B8

CAT. NO.

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SPECIFICITY	HYB 338-01 is specific for Tau5-12. The antibody reacts specifically with the N-terminal Tau peptide and the Tau protein.
IMMUNOGEN	N-terminal Tau peptide sequence coupled to carrier.
TESTED APPLICATIONS	ELISA
SPECIES REACTIVITY (POSITIVE)	Human
SPECIES REACTIVITY (NEGATIVE)	Not determined
EPITOPE SPECIFICITY	Not determined

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PRESENTATION

Content:	Available in 200 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Preparation:	Protein-A purified
Form:	Liquid
Solvent:	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide
Storage:	4-8°C without exposure to light. No precautions necessary during handling.

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APPLICATION

**ELISA:** HYB 338-01 was used in ELISA.

TARGET

Tau is a protein found in several pathological intracellular inclusions in the brain including the neurofibrillary tangles (NFT), which are the most common tau inclusions. NFT are prevalent in Alzheimer's disease (AD) but are also seen in other disorders like Creutzfeld-Jakobs disease (CJD), head trauma and parkinsonism-dementia. Tau levels in cerebrospinal fluid are elevated in AD, CJD, stroke, frontotemporal dementia and vascular dementia. Tau in NFT is hyperphosphorylated. Tau and phospho-tau are promising candidates for diagnostic biomarkers for AD.

REFERENCES

CONDITIONS

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