

FUJIFILM**Wako**Code No. 013-26591 (50 μ L)
019-26593 (10 μ L)**Anti 4R-Tau, Monoclonal Antibody (3E8-1A6)**
抗 4R-Tau, モノクローナル抗体 (3E8-1A6)**Background**

Tau is a microtubule-associated protein, mainly expressed in neurons in the central nervous system, and regulates stabilization of microtubules¹⁾. In the brain of Alzheimer's disease patients, neurofibrillary tangles are formed which are composed of accumulated phosphorylated forms of Tau. The degree of these tangles correlates to severity of dementia¹⁾. Based on this finding, Tau has been investigated to find out the etiology and to discover drugs for Alzheimer's disease. Tau is classified into 3R-Tau and 4R-Tau which has 3 and 4 microtubules associated domains, respectively¹⁾. This product is an antibody that specifically recognizes 4R-Tau.

Description

[Reactivity]	Reacts with 4R-Tau
[Antigen]	273-291 a.a. of Human Tau. GKVQIINKKLDLSNVQSKC
[Species cross reactivity]	Human
[Clone No.]	3E8-1A6
[Host]	Mouse
[Isotype]	IgG1 $\cdot$ κ
[Purification]	Protein A-affinity purified
[Concentration]	1 mg/mL
[Formulation]	PBS with 50% Glycerol and 0.05% ProClin 300

Applications

Western Blot	1 : 1,000-2,000
Immunoprecipitation	1 : 100

Optimal concentration should be determined by each laboratory for each application.

Storage

Store at -20 °C.
Avoid repeated freeze and thaw.

Package

Code No.	Packaging
013-26591	50 μ L
019-26593	10 μ L

Reference

1) Liu, F., *et al.* : *Mol Neurodegener.* **3**, 8 (2008).

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