

FUJIFILM

Wako

Code No. 016-26601 (50 μ L)
012-26603 (10 μ L)**Anti Phosphorylated Tau T181,
Rat Monoclonal Antibody (2E2-A6)****抗リン酸化 Tau T181,
ラットモノクローナル抗体(2E2-A6)****Background**

Tau is a microtubule-associated protein, mainly expressed in neurons in 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 Tau¹⁾. The degree of these tangles correlates to the severity of dementia¹⁾. Based on this finding, Tau has been investigated to find out the etiology and to discover drugs for Alzheimer's disease. This product is an antibody that specifically recognizes Tau with phosphorylated threonine at position 181 (pT181).

Description

[Reactivity]	Reacts with Tau pT181
[Antigen]	171-191 a.a. of Human Tau with pT181. CIPAKTPPAPK(pT)PPSSGEP PKS
[Species cross reactivity]	Human
[Clone No.]	2E2-A6
[Host]	Rat
[Isotype]	IgG2b \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
Immunohistochemistry	1 : 100-1,000

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
016-26601	50 μ L
012-26603	10 μ L

Reference

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

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