

FUJIFILM**Wako**Code No. 013-26611 (50 μ L)**Anti Phosphorylated Tau S199,
Rat Monoclonal Antibody (5B8-1E2)****抗リン酸化 Tau S199,
ラットモノクローナル抗体 (5B8-1E2)****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 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 serine at position 199 (pS199).

Description

[Reactivity] Reacts with Tau pS199
[Antigen] 189-209 a.a. of Human Tau with pS199.
CPKSGDRSGYS(pS)PGSPGTPG SR
[Species cross reactivity] Human
[Clone No.] 5B8-1E2
[Host] Rat
[Isotype] IgG2a $\cdot$ 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
013-26611	50 μ L

Reference

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

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