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Product Datasheet

Name: Mouse Anti-phospho-Tau (Thr181) Monoclonal Antibody

Description: Hybridoma clones have been derived from hybridization of myeloma cells with spleed cells of BALB/c mouse immunized with phospho-Tau (Thr181).

Catalog No.	Clone	Isotype	Unit	Buffer
V5202	4B1L	IgG1	mg	10mM PBS (pH7.4)

Specificity: Mabs react with human phospho-Tau (Thr181): PK(p-T)PP

Host: Mouse

Clonality: Monoclonal

Format: Liquid

Concentration: ≥0.5mg/ml

Purification: ≥90% (SDS-PAGE)

Preservative: 0.1%Proclin300

Application: Recommended for sandwich immunoassays in ELISA and CLIA. Each laboratory should determine an optimum working titer for use in its particular application.

Storage: Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Background: Tau proteins are important Promotes microtubule assembly and stability, and might be involved in the establishment and maintenance of neuronal polarity. The C-terminus binds axonal microtubules while the N-terminus binds neural plasma membrane components, suggesting that tau functions as a linker protein between both. Axonal polarity is predetermined by tau localization (in the neuronal cell) in the domain of the cell body defined by the centrosome. The short isoforms allow plasticity of the cytoskeleton whereas the longer isoforms may preferentially play a role in its stabilization. Tau proteins subcellular located in the axons of neurons, in the cytoso l and in association with plasma membrane components. It expressed in neurons. PNS-tau is expressed in the peripheral nervous system while the others are expressed in the central nervous system.

Note: This product as supplied is intended for research or further manufacturing use only.