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## phospho-Tau (Thr217) Mouse mAb

Catalog Number: bsm-41651M

Target Protein: phospho-Tau (Thr217)

Form: Size : 100ug

Liquid

Size : 200ug (PBS only)

Lyophilized

Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.

Host: Mouse

Clonality: Monoclonal

Clone No.: 3C4

Isotype: IgG2b

Applications: ELISA (1:5000-10000)

Reactivity: (predicted:Human)

Predicted MW: 79 kDa

Subcellular Cell membrane ,Cytoplasm

Locations:

Entrez Gene: 4137

Swiss Prot: P10636

Source: KLH conjugated Synthesised phosphopeptide derived from human Tau around the phosphorylation site of Thr217: LP(p-T)PP.

Purification: affinity purified by Protein A

Storage: Size : 100ug

0.01M PBS (pH7.4).

Size : 200ug (PBS only)

0.01M PBS

Shipped at 4°C. 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 cytosol 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.