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Anti-human phospho-202 TAU mab 10F8

Catalogue number Package size

847-0102004501 100 μg 847-0102004503 1 mg

For research use only.

Product: monoclonal antibody

Clone: 10F8
Host: mouse
Isotype: $IgG1_k$

Immunogen: Synthetic peptide SGYSSPGS(Pi)PGTPG Design and synthesis were kindly

performed by group of Prof. Dr. Ralf Hoffmann (BBZ, University of Leipzig, Germany).

Specificity: human TAU sequence SGYSSPGSPGTPG posphorylated at amino acid

position 202 (S)

Purification: purified by affinity chromatography

Purity: > 95% by SDS-PAGE

Solution: PBS pH 7.4 without additives

Storage: at -20 °C (repeated thawing and freezing should be avoided)

Applications: ELISA, Western Blot, Immunhistochemistry

Dilution: 1 μg/ml in Western Blot

Reactivity: PHF TAU, phosphorylated TAU at amino acid position 202, TAU

Figure 1

Brain homogenates of mice were separated by SDS-PAGE and blotted on nitrocellulose by Western blotting.

Lane1: homogenate of Balb/c wild type

Lane2: homogenate human TAU transgen P301L mutation, female

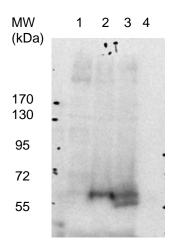
Lane3: like lane (2), male

Lane4: human recombinant Tau 441

Bound antibody was detected using horseradish peroxidase conjugated goat anti-mouse IgG and ECL substrate solution.

Mab 10F8 reacted specifically with the phosphorylated human TAU but not with recombinant TAU441.

Analyses were kindly performed by Dr. Max Holzer (University of Leipzig, Paul-Flechsig-Institute, Germany).





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