

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 <i>Design and synthesis were kindly performed by group of Prof. Dr. Ralf Hoffmann (BBZ, University of Leipzig, Germany).</i>
Specificity:	human TAU sequence SGYSSPGSPGTPG phosphorylated 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, Immunohistochemistry
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).

