

Revision: 003

Date: 15.06.2021

Anti-human phospho-231 TAU mab 5G7

Catalogue number

Package size

0102003601 0102003603 100 µg 1 mg

For research use only.

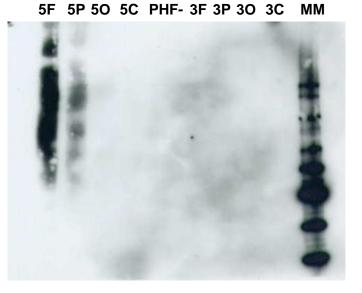
Product:	monoclonal antibody
Clone:	5G7
Host:	mouse
Isotype:	lgG1 _k
Immunogen:	Synthetic peptide KKVAVVRT(Pi)PPKSPSS
Specificity:	human TAU posphorylated at amino acid position 231 (T)
Purification:	purified by affinity chromatography
Purity:	> 95% by SDS-PAGE
Solution:	PBS pH 7.4 without additives
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 231 (T)

Figure 1

Brain homogenate from patients of braak stage of 5 and 3 for AD pathology, respectively (4 brain areas for each patients (F: frontal; P: parietal; O: occipital; C: cerebelum) and PHF preparation from healthy brain (PHF) were separated by SDS-PAGE and blotted on nitrocellulose membrane. NC membrane was incubated by 5 μ g/ml of mab 5G7.

Bound antibody was detected using horseradish peroxidase conjugated goat antimouse IgG antibody and ECL staining. Mab 5G7 reacted specifically with the phosphorylated TAU and fragments of lower molecular weight in frontal and parietal areas of braak stage 5 AD patient.

Analyses were kindly performed by Seguin Jérémie (CBPE, Hôpitaux de Lyon, France).





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