

Anti-human phospho-231 TAU mab 2B11

| Catalogue number | Package size |
|------------------|--------------|
| 0102003501 | 100 µg |
| 0102003503 | 1 mg |

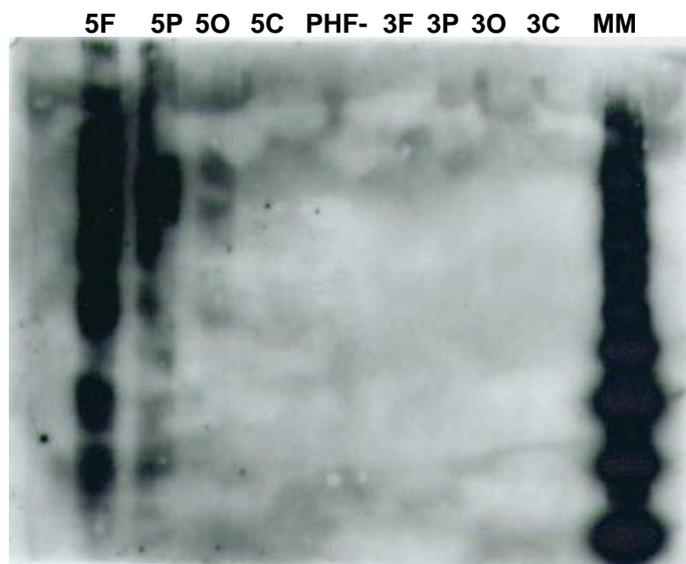
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| | |
|----------------------|---|
| Product: | monoclonal antibody |
| Clone: | 2B11 |
| Host: | mouse |
| Isotype: | IgG1 _k |
| Immunogen: | Synthetic peptide KKVAVVRT(Pi)PPKSPSS |
| Specificity: | human TAU phosphorylated at amino acid position 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, Immunohistochemistry |
| 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 µg/ml of mab 2B11.

Bound antibody was detected using horseradish peroxidase conjugated goat anti-mouse IgG antibody and ECL staining. Mab 2B11 reacted specifically with the phosphorylated TAU and fragments of lower molecular weight in frontal, parietal occipital areas of braak stage 5 AD patient. *Analyses were kindly performed by Seguin Jérémie (CBPE, Hôpitaux de Lyon, France).*



Roboscreen GmbH
 Hohmannstraße 7
 04129 Leipzig • Germany

CEO
 Dr. Ingolf Lachmann

Phone: +49 341 989 734 0
 Fax: +49 341 989 734 199
info@roboscreen.com
www.roboscreen.com

Ust-IdNr. DE 813064314
 County Court Leipzig
 HRB 17503
 Leipzig