

### Anti-human phospho-231/235 TAU mab 3G3

Catalogue number	Package size
847-0102004401	100 µg
847-0102004403	1 mg

*For research use only.*

<b>Product:</b>	monoclonal antibody
<b>Clone:</b>	3G3
<b>Host:</b>	mouse
<b>Isotype:</b>	IgG1 <sub>k</sub>
<b>Immunogen:</b>	Synthetic peptide
<b>Specificity:</b>	human TAU phosphorylated at amino acid position 231 and 235
<b>Purification:</b>	purified by affinity chromatography
<b>Purity:</b>	> 95% by SDS-PAGE
<b>Solution:</b>	PBS pH 7.4 without additives
<b>Storage:</b>	at -20 °C (repeated thawing and freezing should be avoided)
<b>Applications:</b>	ELISA, Western Blot, Immunohistochemistry
<b>Dilution:</b>	1 µg/ml in Western Blot
<b>Reactivity:</b>	PHF TAU, phosphorylated TAU at amino acid position 231 and 235

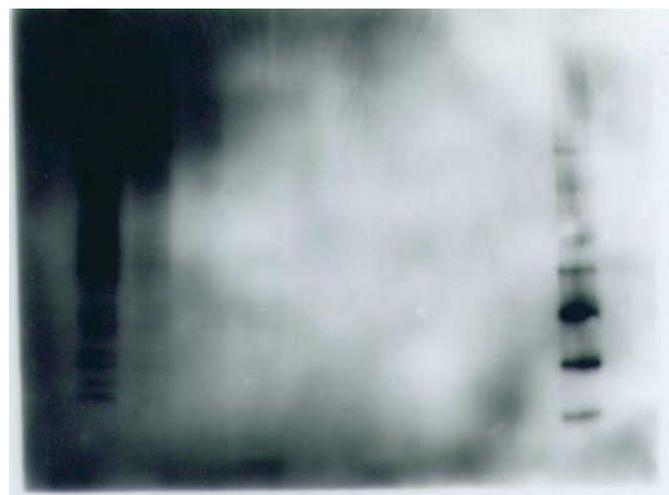
#### Figure 1

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: cerebellum) 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 3G3.

Bound antibody was detected using horseradish peroxidase conjugated goat anti-mouse IgG antibody and ECL staining. Mab 3G3 reacted specifically with the phosphorylated TAU in frontal and parietal areas of braak stage 5 AD patient.

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

**5F 5P 5O 5C PHF 3F 3P 3O 3C MM**



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