

## Monoclonal Mouse Antibody to Human tau (Neurofibrillary Tangles Marker)

<b>Catalog No.:</b>	Mob 283, mob 283-05
<b>Intended Use:</b>	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
<b>Immunogen:</b>	BALB/C mice were injected with purified bovine microtubule-associated proteins.
<b>Clone:</b>	TAU-5
<b>Isotype:</b>	IgG1
<b>Format:</b>	This antibody is supplied as purified immunoglobulin fraction containing sodium azide as a preservative.
<b>Titer/Working Dilution:</b>	This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
<b>Staining Protocol:</b>	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
<b>Specificity:</b>	This antibody is specific to 45-68 kD proteins identified as tau proteins. This antibody does not cross react with tubulin or other microtubule associated proteins. This antibody reacts with phosphorylated as well as non-phosphorylated forms of tau. Its epitope maps in the middle of tau. This antibody stains human neurofibrillary tangles, neutrophil threads and neurotic plaques associated with Alzheimer's disease.
<b>Positive Control:</b>	Alzheimer brain
<b>Cellular Localization:</b>	Cytoplasmic
<b>Storage:</b>	Store at 2-8°C. Do not use it beyond the expiration date stated on the label.

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

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