TAU total (8F10)
Mouse Monoclonal Antibody

Specification Sheet

Catalog Number: NDG-076472
Size: 100 µg
Lot number: 0915-02
Clone: 8F10
Host / Isotype: Mouse / IgG1 kappa
Immunogen: Human recombinant TAU441
Specificity: human TAU amino acids 428-437, LADEVSASLA
Reactivity: Human TAU all isoforms
Purification: Purified by affinity chromatography
Purity: > 95% by SDS-PAGE
Protein Concentration (A_{280}): 1.7 ± 0.1 mg/ml
Buffer: PBS pH 7.4 w/o preservatives
Stabilizer: Without additives
Physical State: Sterile-filtered liquid
Applications: ELISA, Western Blot, Immunohistochemistry
Dilutions: Western Blot 1 µg/ml

The dilutions set forth above are estimates; actual results may differ because of variability in methods and protocols. Validation of antibody performance/protocol is the responsibility of the end user.

Storage and Stability: The undiluted antibody is stable for at least six weeks at 2-4°C under sterile conditions. For extended storage, aliquot and freeze at -20°C or below. Avoid repeated freeze/thaw cycles. Antibodies can be adversely affected by freeze/thaw cycles. Prepare working dilution fresh every day. If stored at -20°C or below, antibody is stable for at least 12 months.

Detection of all 6 TAU isoforms blotted on nitrocellulose by means of mab 8F10.

10 µl of standard TAU ladder (rPeptide) were separated by SDS-PAGE using 8-14% gradient gel and blotted on nitrocellulose 0.45 µm.
After blocking with 5% skim milk powder in TRIS pH 10 mab 8F10 was incubated in blocking solution (1 µg mab/ml) at RT overnight. Bound antibody was detected using anti-mouse IgG HRP conjugate and TMB substrate.

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.

This product is warranted to perform in conformance with product specifications and to be free from defects in material and workmanship. Products are supplied for research use only. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated, this warranty is limited to one year from date of shipment when the product is subjected to normal, proper and intended usage. The remedy for non-conforming products is limited to replacement of or refund for the non-conforming product(s). There is no obligation to replace products as the result.