

REV: 8/21

PRODUCT INFORMATION SUMMARY

Anti-Human Tau (Thr181 phosphorylated)

Purified Antibody (Clone A4) Product Number NS250202 0.5 mg

SPECIFICITY:

Mouse monoclonal antibody to Human Thr181 phosphorylated Tau. The Tau microtubule is found in neurons and functions to stabilize the axons of nerve fibre. Six Tau isoforms are identified. Hyperphosphorylation of Tau protein results in aggregation and formation of neurofibrillary tangles associated with Alzheimer's disease.

SPECIES X-reactivity: Mouse

IMMUNOGEN: Recombinant Human NSE phosphorylated Tau protein
aa. Sequence 177-187

IMMUNOGLOBULIN CHAIN COMPOSITION:

Mouse IgG2a, kappa

SOURCE: Affinity Purified using Protein G.

CLONES: A4

RESEARCH APPLICATIONS:

Direct **ELISA** with plate coated with phosphorylated peptide

Western Blot: Detection of 46kDa band in Mouse brain lysate using antibody at approx. 0.5 ug/mL (1:2000_

HANDLING AND STORAGE:

Antibody supplied as lyophilized from PBS, additive free.

Reconstitute with 500.0 uL distilled water.

Store aliquots @ - 20° C. AVOID repeat freeze / thaw.

RESEARCH USE ONLY
NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.