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## DATA SHEET

**Product Name:** Mouse Anti-Tau, DC 25, monoclonal antibody to all 6 isoforms  
**Catalog #:** T-1301  
**Clone number:** DC25  
**Quantity:** 0.1mg  
**Product form:** Semipurified immunoglobulin (serum-free) in DMEM - liquid  
**Preservatives:** 0.1% Thimerosal  
**Immunogen:** Human isoform tau 44  
**Immunization:** Multiple i.p. injections of Balb/c mice  
**Parental cell line:** Murine myeloma NSO  
**Isotype:** IgG1  
**Specificity:** Recognizes tau protein, shows no cross-reactivity with other MAPs or tubulin  
**Species reactivity:** Human, pig, rat, mouse, cow, rabbit.  
**Mol. Wt. of Antigen:** 45 - 68 kDa  
**Minimal epitope:** aa 347 – 353  
**Positive control:** Brain tissue, neuroblastoma cell lines, human six isoforms  
**Comments:** Reacts with the non-phosphorylated as well as phosphorylated tau forms

### **Applications and recommended dilutions:**

<b>Technique</b>	<b>Yes</b>	<b>Recommended dilutions</b>
ELISA	+	1:2000
Western Blotting	+	1:2000
Immunohistology	+	1:1000
Radioimmunoassay	+	1:2000
Immunofluorescence	+	1:1000

Where this antibody has not been tested for use in a particular techniques this does not necessarily exclude its use in such procedures.

**Storage conditions:** –20°C (should be stored undiluted). Avoid repeated freezing and thawing.

**References:** *Zilkova M, Vechterova L, Kontsekkova E, Kontsek P, Novak M.* Process of Diseased Tau Assembly Into Neurofibrillary Structures Differs in Alzheimer's Disease and Other Tauopathies. *Neurobiology of Aging*, Vol.25, pp. S421, 2004.

**For research use only. Not for use in humans.**

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