

DATA SHEET

Product Name:	<u>Mouse Anti-Tau, DC 39N1, monoclonal antibody to first N terminal insert</u>
Catalog #:	T-1302
Clone number:	DC39N1
Volume/quantity:	0.1mg
Product form:	Semipurified immunoglobulin (serum-free) in DMEM - liquid
Preservatives:	0.1% Thimerosal
Immunogen:	first tau insert (N1)
Immunization:	Multiple i.p. injections of Balb/c mice
Parental cell line:	Murine myeloma NSO
Isotype:	IgG1
Specificity:	Recognizes N1 insert in tau proteins (2N4R, 1N4R, 2N3R, 1N3R)
Species reactivity:	Human
Mol. Wt. of Antigen:	45 - 68 kDa
Minimal epitope:	aa 45-73 (2N4R)
Positive control:	Brain tissue, human isoforms: 2N4R, 1N4R, 2N3R, 1N3R
Comments:	Stains pretangles present in the brains of patients in preclinical (2nd stage) as well as late stages of Alzheimer's disease (6th stage)

Applications and recommended dilutions:

Technique	Yes	Recommended dilutions
ELISA	+	1:2000
Western Blotting	+	1:2000
Immunohistology	+	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: *Mikulova K, Kontsekova E, Skrabana R, Kontsek P, Novak M.* Novel Anti-tau Monoclonal antibody With Specificity for NI Terminal Insert. *Neurobiology of Aging*, Vol.25, pp. S432, 2004.

For research use only. Not for use in humans.