

Alpha-Synuclein (10D2)

Mouse Monoclonal Antibody

Specification Sheet

Catalog Number:	NDG-76508
Size:	100 µg
Lot number:	001
Clone:	10D2
Host / Isotype:	Mouse / IgG1
Immunogen:	Recombinant human Alpha-Synuclein
Specificity:	Human Alpha-Synuclein, amino acids 119-126 (DPDNEAYE)
Reactivity:	Human Alpha-Synuclein
Purification:	Purified by affinity chromatography
Purity:	> 95% by SDS-PAGE
Protein Concentration (A₂₈₀):	1.5 ± 0.1 mg/ml
Buffer:	PBS pH 7.4 ± 0.2 w/o preservatives
Stabilizer:	Without additives
Physical State:	Sterile-filtered liquid
Applications:	ELISA, Western Blot, Immunohistochemistry
Dilutions:	ELISA 2 ng/ml, Western Blot 1-2 µg/ml, Histo-/Cytochemistry 1-5 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.

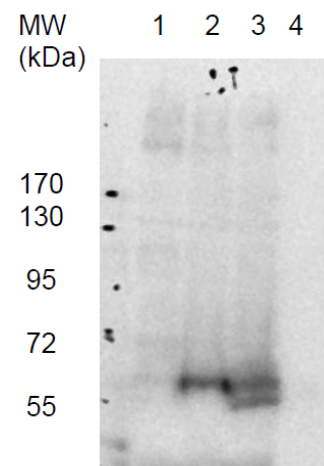
Figure 1

Brain homogenates of mice were separated by SDS-PAGE and blotted on nitrocellulose by Western blotting.

Lane1: homogenate of Balb/c wild type
 Lane2: homogenate human TAU transgen P301L mutation, female
 Lane3: like lane (2), male
 Lane4: human recombinant Tau 441

Bound antibody was detected using horseradish peroxidase conjugated goat anti-mouse IgG and ECL substrate solution.

Mab 10F8 reacted specifically with the phosphorylated human TAU but not with recombinant TAU441.



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

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