Monoclonal Antibody
Catalog No. CEC-068

For research use only.
Not for use in diagnostic procedures.

Anti-Tau (2N) antibody

Clone	Cross reactivity	Application notes	Host	Isotype	Storage
2C2C7	Hu	ELISA, WB, IHC	Rat	IgM, κ	-20°C

BACKGROUND : Tau are proteins that stabilize microtubules and have several splicing variants in neurons. It is well known that pathologies of the nervous system such as Alzheimer's disease are associated with tau proteins.

Immunogen Recombinant human 2N4R isoform (Tau-441 full length)
Host Rat
Isotype IgM, κ
Cross reactivity Human
Other species have not been tested.
Specificity Tau (2N4R, 2N3R)
Application notes Recommended use
ELISA, WB, IHC
Recommended dilutions
Western blotting, 1/1000 to 1/5000
Immunohistochemistry, 1/100 to 1/500
Other applications have not been tested.
Optimal dilutions/concentrations should be determined by the end user.

Source Culture Supernatant
Purification Ion-exchange chromatography
Form Liquid
Presentation Purified monoclonal antibody in PBS, 50% Glycerol, 0.05%w/v ProClin300
Concentration 1 mg/mL
Volume 100 μL
Storage Store below -20°C
(below -70°C for prolonged storage)
Aliquot to avoid cycles of freeze/thaw.

References

Data

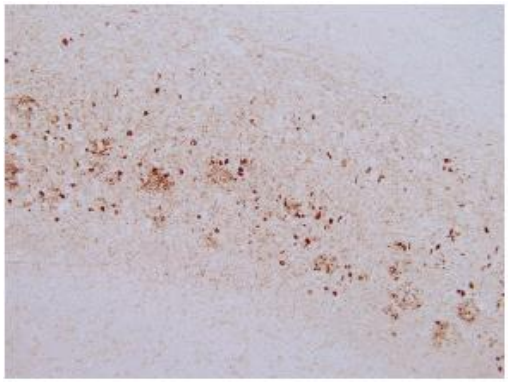

Fig.1 Immunohistochemistry/Immunofluorescence - Tau (2N) antibody (2C2C7)
AD autopsy brain paraffin sections

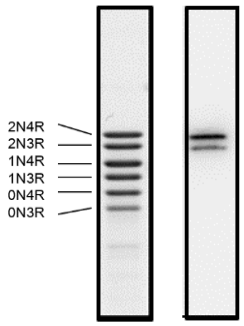

Fig.2 Western blot - Tau (2N) antibody (2C2C7)
Recombinant protein
(Fig.1,2 : Dr. Tomohiro Miyasaka, Nihon University)

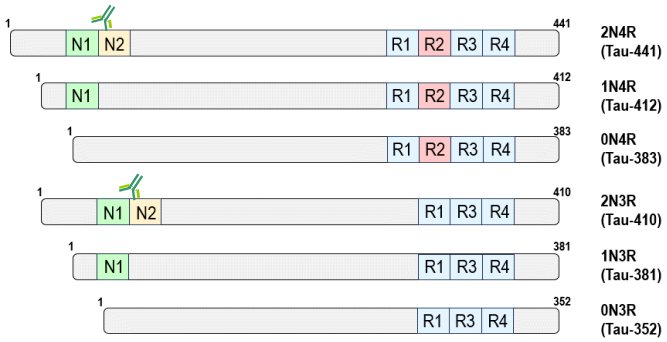

Fig.3 Human Tau isoforms

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