



Mouse Anti-Tau (189-195) monoclonal antibody, clone 40F21 (CABT-L229C)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	This monoclonal antibody was raised against full-length human tau.
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	40F21
Conjugate	Unconjugated
Applications	WB
Format	Purified, Liquid
Concentration	Lot specific
Size	100 μ l
Buffer	Phosphate-buffered solution (no preservatives or carrier proteins).
Preservative	None
Storage	The antibody solution should be stored undiluted between 2°C and 8°C.
Ship	Wet ice

BACKGROUND

Introduction

Promotes microtubule assembly and stability, and might be involved in the establishment and maintenance of neuronal polarity. The C-terminus binds axonal microtubules while the Nterminus binds neural plasma membrane components, suggesting that tau functions as a linker protein between both. Axonal polarity is predetermined by tau localization (in the neuronal cell) in the domain of the cell body defined by the centrosome. The short isoforms allow plasticity of the cytoskeleton whereas the longer isoforms may preferentially play a role in its stabilization.

Keywords

Tau/Amino Junction; AI413597; AW045860; DDPAC; Disinhibition Dementia Parkinsonism Amyotrophy Complex; FLJ31424; FTDP 17; FTDP17; G Protein Beta 1 Gamma 2 Subunit Interacting Factor 1; G protein beta1/gamma2 subunit interacting factor 1; MAPT; MAPTL; MGC1