

## Mouse Anti-tau (421/422) Clone TauC3 Cleavage Site Specific mAb

<b>Catalog No.</b>	CSI14245	<b>Quantity:</b>	50 µg
<b>Description:</b>	Mouse Anti-tau (421/422) Clone TauC3 CSSA mAb		
<b>Concentration:</b>	0.5 mg/ml		
<b>Specificity:</b>	This antibody recognizes tau when truncated at Asp421. Several caspases, including caspase-3, caspase-7, and caspase-8, cleave tau at this site, yielding the truncated form of the protein. This antibody does not react with full-length tau, or with tau truncated at Glu391 or Ala429. Tau is a microtubule-associated protein found predominantly in neuronal axons of vertebrate brain that promotes the assembly of tubulin monomers into		
<b>Immunogen:</b>	KLH-CSSTGSIDMVD, corresponding to the C terminus of tau truncated at Asp421.		
<b>Isotype:</b>	IgG <sub>1k</sub>		
<b>Clone:</b>	TauC3		
<b>Formulation:</b>	Purified immunoglobulin in PBS, pH 7.2 + 1% BSA + 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Purified from ascites by affinity chromatography.		
<b>Cross-Reactivity:</b>	Human, mouse and rat		
<b>Applications:</b>	Western blot Immunoprecipitation Immunohistochemistry		
<b>Application Notes:</b>	Western blot: recommended concentration is 1 µg/ml. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store at 2-8°C. For long term storage, aliquot into small volumes and store at -20°C. <b>Avoid repeated freeze-thaw cycles</b> to prevent denaturing the antibody.		
<b>Positive Control:</b>	Tau and caspase-3 cleaved tau.		

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