

DESCRIPTION

Specificity	Detects human Tau when phosphorylated at T231 in direct ELISAs.
Source	Monoclonal Mouse IgG ₁ Clone # 965319
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Phosphopeptide containing the human Tau T231 site Accession # P10636
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Immunohistochemistry Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Tau is a microtubule-associated protein primarily expressed in neurons. It can associate with microtubules through the carboxy-terminal domains and with the plasma membrane through the amino-terminal projection domain. Tau has a role as a stabilizer of microtubules. Abnormal Tau phosphorylation or splicing is associated with various neurological disorders.

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