

DESCRIPTION

Specificity	Detects mammalian and chicken neuron-specific β -III tubulin but not other β -tubulin isotypes in Western blots.
Source	Monoclonal Mouse IgG _{2A} Clone # TuJ-1
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Rat brain-derived microtubules
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and 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.

Intracellular Staining by Flow Cytometry	Titration recommended for optimal concentration with starting range of 0.1-1 μ g/1 million cells. Sample used for this experiment was HepG2 human hepatocellular carcinoma cells.
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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

β -III Tubulin, also known as tubulin β -4, is regarded as a neuron-specific marker. The expression of β -III Tubulin has been suggested to be one of the earliest markers to signal commitment in primitive neuroepithelium.

PRODUCT SPECIFIC NOTICES

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