

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 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 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.

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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