

DESCRIPTION

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| 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 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.

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| 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

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| 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. <ul style="list-style-type: none"> 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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