

DESCRIPTION

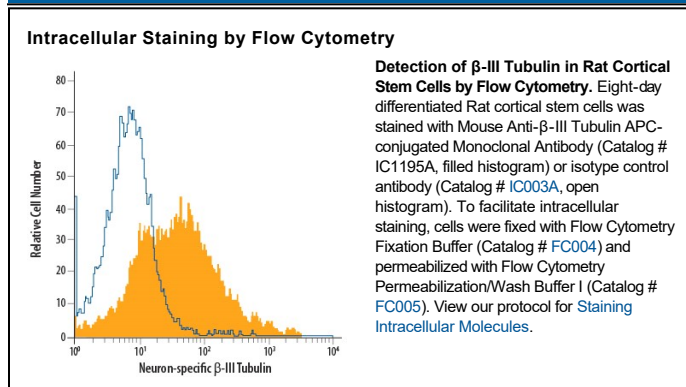
Specificity	Detects mammalian and chicken neuron-specific β -III tubulin but not other β -tubulin isotypes in flow cytometry.
Source	Monoclonal Mouse IgG _{2A} Clone # TuJ-1
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Rat brain-derived microtubules
Conjugate	Allophycocyanin Excitation Wavelength: 620-650 nm Emission Wavelength: 660-670 nm
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.

	Recommended Concentration	Sample
Intracellular Staining by Flow Cytometry	10 μ L/10 ⁶ cells	See Below

DATA



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. <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 neuronal commitment in primitive neuroepithelium.