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Monoclonal Antibody To Human beta-Tubulin III Marker For Neuronal Tissue

Monoclonal antibody TU-20 is a highly specific marker for neuronal tissue. It reacts with the class III β -isoform of tubulin, peptide ESESQGPK specific for neurons. TU-20 is very useful for the detection of microtubule structures on fixed cells.

Product Number:	T-1315
Clone:	TU-20
Host species, isotype:	Mouse IgG1
Quantity:	200 μ g
Format:	Diluted ascites, lyophilized Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.4mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 10mg/ml bovine serum albumin (BSA) as a stabilizer and 0.05% sodium azide as a preservative.
Stability:	Original vial: 1 year at 4° - 8°C Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
Applications:	Tested for immunohistochemistry (IHC); has been described to work in ELISA and western blotting. Approximate working dilution for IHC: Frozen sections: 5-10 μ g/ml (1:40-1:80) Paraffin sections: 20 μ g/ml (1:20); Proteinase K pretreatment for antigen retrieval is recommended. Optimal dilutions should be determined by the end user. Suggested positive control: Human cortex.
Immunogen:	Synthetic C-terminal peptide.

Selected references

Dráberová, E. et al.: Histochem. Cell Biol. **109**, 231 (1998).

For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.