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## Product Datasheet

### Anti-betaIII-Tubulin Purified, Clone: [TU-20], Monoclonal EXB-11-264-C100

Article Name	Anti-betaIII-Tubulin Purified, Clone: [TU-20], Monoclonal
Biozol Catalog Number	EXB-11-264-C100
Supplier Catalog Number	11-264-C100
Alternative Catalog Number	EXB-11-264-C100
Manufacturer	EXBIO
Category	Antikörper
Application	ICC, IHC-P, WB
Species Reactivity	Canine, Human, Mouse, Porcine, Rat
Immunogen	Peptide (C) 441-448 coupled to maleimide-activated keyhole limpet hemocyanin via cysteine added to the N-terminus of the neuron-specific peptide.
Product Description	The betaIII isoform of tubulin is present dominantly in cells of neuronal origin and it is one of the earliest markers of neuronal differentiation. It is regarded as a specific probe for the cells of neuronal origin as well as for the tumours origina...
Clonality	Monoclonal
Concentration	1 mg/ml
Clone Designation	[TU-20]
Isotype	Mouse IgG1
Buffer	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Storage	2°C to 8°C
Target	betaIII-Tubulin
Antibody Type	Monoclonal Antibody
Application Notes	<p>Western blotting: Recommended dilution: 1-2 µg/ml, positive control: porcine brain lysate, negative control: HPB-ALL human peripheral blood leukemia cell line, reducing conditions. Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml, standard ABC technique (DAB+), pretreatment: 0.1% pepsin (trypsin) in 0.1 M HCl, incubation 30 min in RT, or high temperature citrate buffer antigen retrieval, positive tissue: neuronal tissue. Immunocytochemistry: Positive material: Neuro2a mouse neuroblastoma cell line. Flow cytometry: Recommended dilution: 1-4 µg/ml. Intracellular staining.</p>