



	Technical Data Sheet	
Product	Anti-betaIII-Tubulin Purified	
Cat. Number/Size	11-264-C025	0.025 mg
	11-264-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	betaIII-Tubulin	
Clone	TU-20	
Format	Purified	
Reactivity	Dog, Mouse, Rat, Pig, Human	
Application	FC-IC, WB, IHC-P, ICC	
Application details	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.	
Isotype	Mouse IgG1	
Specificity	The antibody TU-20 recognizes C-terminal peptide sequence ESESQGPK (aa 441-448) of neuron-specific human betaIII-tubulin.	
Other names	TUBB3	
Immunogen	Peptide (C) 441-448 coupled to maleimide-activated keyhole limpet hemocyanin via cysteine added to the N-terminus of the neuron-specific peptide.	
Entrez Gene ID	10381	
Gene name	TUBB3	
NCBI Full Gene Name	tubulin beta 3	
UniProt ID	Q13509	
Concentration	1 mg/ml	
Preparation	Purified by protein-A affinity chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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