

Technical Data Sheet

Product	<b>Anti-betaIII-Tubulin Purified</b>
Cat. Number/Size	<b>11-264-C025</b> <b>0.025 mg</b> <b>11-264-C100</b> <b>0.1 mg</b>
	<b>For Research Use Only.</b>
	<b>Not for use in diagnostic or therapeutic procedures.</b>
Antigen	betaIII-Tubulin
Clone	TU-20
Format	Purified
Reactivity	Dog, Mouse, Rat, Pig, Human
Application	FC, 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
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) solution with 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on the label.
Images and References	<a href="http://www.exbio.cz">www.exbio.cz</a>

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