

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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