



Technical Data Sheet

Product	Anti-gamma-Tubulin Purified	
Cat. Number/Size	11-465-C025	0.025 mg
	11-465-C100	0.1 mg
For Research Use Only.		
Not for use in diagnostic or therapeutic procedures.		
Antigen	gamma-Tubulin	
Clone	TU-30	
Format	Purified	
Reactivity	Protozoa, Chicken, Cow, Rat, Mouse, Pig, Human, Plants	
Application	ICC, WB, FC-IC	
Application details	Immunocytochemistry: Recommended dilution: 1-2 µg/ml. Staining technique: (a) Fix cells for 10 min in methanol at -20°C and for 6 min in acetone at -20°C; (b) Fix cells directly in methanol for 10 min at -20°C or in acetone for 10 min at -20°C. Positive control: P-19 murine embryonal carcinoma cell line, 3T3 murine fibroblasts. The antibody TU-30 stains only fixed cells. Western blotting: Recommended dilution 1-2 µg/ml, reducing conditions.	
Isotype	Mouse IgG1	
Specificity	The antibody TU-30 recognizes C-terminus (amino acids 434-449 in human) of gamma-tubulin, a 48 kDa structural constituent of cytoskeleton and microtubule organizing center (MTOC). The epitope was located in the amino acid sequence TRPDYI (aa439-444 in human), which is present on human gamma-tubulin 1 but not on human gamma-tubulin 2.	
Other names	TUBG	
Immunogen	C-terminal peptide of gamma-tubulin counjugated to KLH.	
Entrez Gene ID	7283	
Gene name	TUBG1	
NCBI Full Gene Name	tubulin gamma 1	
UniProt ID	P23258	
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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