



Technical Data Sheet

Product	Anti-alpha/beta-Tubulin dimer Alexa Fluor® 488	
Cat. Number/Size	A4-446-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	alpha/beta-Tubulin dimer	
Clone	TU-10	
Format	Alexa Fluor® 488	
Reactivity	Mouse, Rat, Pig, Non-human primates, Human	
Application	WB, ICC, FC-IC	
Application details	Flow cytometry: Recommended dilution: 1-4 µg/ml. Intracellular staining.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgM	
Specificity	The antibody TU-10 recognizes alpha, beta-tubulin heterodimer, a basic intracellular structural unit of microtubules. Alpha- and beta-tubulins form approximately 100 kDa tubulin heterodimer, a globular protein that polymerizes to form microtubules.	
Other names	TUBA, TUBB	
Immunogen	Microtubule proteins from porcine brain	
Concentration	0.1 mg/ml	
Preparation	Purified antibody is conjugated with Alexa Fluor® 488 NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.	
Formulation	Stabilizing Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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