

Technical Data Sheet

Product	<b>Anti-alpha/beta-Tubulin dimer Alexa Fluor<sup>®</sup> 488</b>	
Cat. Number/Size	<b>A4-446-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	alpha/beta-Tubulin dimer
Clone	TU-10
Format	Alexa Fluor <sup>®</sup> 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

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Concentration	0.1 mg/ml
Preparation	Purified antibody is conjugated with Alexa Fluor <sup>®</sup> 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.

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Images and References	<a href="http://www.exbio.cz">www.exbio.cz</a>
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