



Technical Data Sheet

Product **Anti-beta-Tubulin Alexa Fluor® 488**
Cat. Number/Size **A4-251-C100** **0.1 mg**
For Research Use Only.
Not for use in diagnostic or therapeutic procedures.

Antigen	beta-Tubulin
Clone	TU-06
Format	Alexa Fluor® 488
Reactivity	Arabidopsis, Mouse, Rat, Pig, Nicotiana, Paramecium, Chicken, Human, Fish, Tetrahymena
Application	ICC, IHC-P, WB
Application details	Immunocytochemistry: Recommended dilution: 2-5 µg/ml.
Excitation laser	blue (488 nm)
Isotype	Mouse IgM
Specificity	The antibody TU-06 recognizes an epitope (aa 81-95) on phylogenetically conserved N-terminal structural domain of beta-tubulin (recognizes all beta-tubulin isoforms) in various species.
Other names	TUBB
Immunogen	Beta-subunits of porcine brain tubulin.
Entrez Gene ID	81027
Gene name	TUBB
NCBI Full Gene Name	tubulin beta
UniProt ID	Q9H4B7
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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