

Mouse Anti-Human Alpha-Tubulin (Clone TU-01) mAb

Catalog No.	MON4009	Quantity:	100 ug
Description:	MON4009 recognizes a defined epitope (aa 65-97) on N-terminal structural domain of alpha-tubulin. The alpha-tubulin (relative molecular weight about 50 kDa) is globular protein that exists in cells as part of soluble alpha/beta-tubulin dimer or it is polymerized into microtubules. In different species it is coded by multiple tubulin genes that form tubulin classes (in human 6 genes). Expressed tubulin genes are named tubulin isotypes. Some of the tubulin isotypes are expressed ubiquitously, while some have more restricted tissue expression. Alpha-tubulin is also subject of numerous post-translational modifications. Tubulin isotypes and their posttranslational modifications are responsible for multiple tubulin charge variants - tubulin isoforms. Heterogeneity of alpha-tubulin is concentrated in C-terminal structural domain.		
Concentration:	1.0 mg/ml		
Specificity:	Alpha-Tubulin		
Immunogen:	Fraction of tubulin purified from porcine brain by two cycles of polymerization - depolymerization		
Isotype:	Mouse IgG1		
Clone:	TU-01		
Formulation:	PBS containing 15 mM sodium azide		
Applications:	ICC, IHC-P, IP, WB		
Storage & Stability:	Store at 2-8°C for up to 1 year.		

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