

Mouse monoclonal antibody to alpha-Tubulin [Tub-1]: IgG

Catalogue No.:	M-1192-100
Description:	The tubulin family includes five distinct tubulins; alpha, beta, gamma, delta and epsilon. Microtubules consist principally of alpha- and beta-tubulin.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Microtubules from chicken embryo brain
Clone:	Tub-1
Other Names:	Alpha-tubulin; Tubulin K-alpha-1; TUBA1B; TUBA1A; TUBA1C; TUBA3C; TUBA3D; TUBA3E; TUBA4A; TUBULIN; ALPHA-1A; Tubulin alpha-1B chain; Tubulin alpha-ubiquitous chain;
Accession:	P68363 TBA1B_HUMAN; P02552 TBA1_CHICK;
Produced in:	Mouse
Purity:	IgG
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 2.0 ug/mL is recommended for WB. Human Tubulin alpha-1B chain has a predicted length of 451 residues and MW of 50 kDa. A concentration of 1.0-2.0 ug/mL is recommended for IHC to detect the protein in formalin fixed and paraffin embedded tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; rat;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN ₃
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase
Specific References:	Oh H. et al (2013) Uncovering a role for endocannabinoid signaling in autophagy in preimplantation mouse embryos. Mol Hum Reprod. 2013 Feb;19(2):93-101.

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