



## Mouse monoclonal antibody to human gamma-Tubulin [IMD-20]: IgG

<b>Catalogue No.:</b>	M-1193-100
<b>Description:</b>	The tubulin family includes five distinct tubulins; alpha, beta, gamma, delta and epsilon. Gamma-tubulin has a role in the nucleation and polar orientation of microtubules and is found at the microtubule organizing centers such as the spindle poles or the centrosome. The antigen sequence is found in both human gamma-tubulin 1 and gamma-tubulin 2.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Synthetic peptide (EEFATEGTDRKDVFFY) conjugated to KLH corresponding to the region of amino acids 38-53 of human gamma-Tubulin.
<b>Clone:</b>	IMD-20
<b>Other Names:</b>	Tubulin gamma-1 chain; Gamma-1-tubulin; Gamma-tubulin complex component 1; GCP-1; TUBG1; TUBG; Tubulin gamma-2 chain; Gamma-2-tubulin; TUBG2;
<b>Accession:</b>	P23258 TBG1_HUMAN; Q9NRH3 TBG2_HUMAN;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Western Blotting (WB). A concentration of 0.25-0.5 ug/mL is recommended for WB. Human Tubulin gamma-1 chain has a predicted length of 451 residues and MW of 51 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Cross-reactivity:</b>	Human; rat;
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	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.
<b>Expiry Date:</b>	12 months after purchase

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