



# TUBB Monoclonal Antibody

<b>Product Code</b>	CSB-MA915528
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	Zebrafish
<b>Specificity</b>	The $\beta$ -tubulin antibody can detect Zebrafish endogenous $\beta$ -tubulin protein.
<b>Tested Applications</b>	ELISA, WB, IHC, IF; Recommended dilution: WB: 1:500-1:5000, IHC: 1:50-1:500, IF: 1:50-1:200
<b>Relevance</b>	Microtubules are constituent parts of the mitotic apparatus, cilia, flagella, and elements of the cytoskeleton. They consist principally of 2 soluble proteins, alpha- and beta-tubulin, each of about 55,000 Da. Antibodies against beta Tubulin are useful as loading controls for Western Blotting. However it should be noted that levels of $\beta$ -Tubulin may not be stable in certain cells. For example, expression of $\beta$ -Tubulin in adipose tissue is very low and therefore $\beta$ -Tubulin should not be used as loading control for these tissues.
<b>Form</b>	Mouse IgG1 in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Antigen Affinity Purified
<b>Clonality</b>	Monoclonal
<b>Alias</b>	beta 5-tubulin; beta 1b tubulin; beta-4 tubulin; M40; MGC117247; MGC16435; OK/SW-cl.56; TBB5; TUBB; TUBB1; TUBB5
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Danio rerio (Zebrafish) (Brachydanio rerio)
<b>Clone No.</b>	10D6
<b>Usage</b>	For Research Use Only. Not for use in diagnostic or therapeutic procedures.