

## $\beta$ -tubulin Mouse Monoclonal Antibody(Zebrafish Specific)

Catalog	TDY142C	TDY142F
Quantity	50 $\mu$ L	100 $\mu$ L

Tel: 010-82908854  
Free: 400-0620-621  
Web: www.tdybio.com

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC, IF	Zebrafish	55KD	IgG1

**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.  
Store at **-20°C**. **Do not aliquot the antibody.**

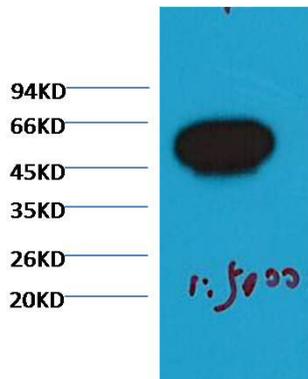
**Recommended dilutions:** WB: 1:5,000-20,000    IHC: 1:200    IF: 1:200

**Optimal dilutions should be determined by the end user.**

**Specificity:** The  $\beta$ -tubulin antibody can detect Zebrafish endogenous  $\beta$ -tubulin protein.

**Alternative Names:** Beta 4 tubulin, TBB5, TUBB2, TUBB2A, tubulin beta 2A, beta tubulin, tubulin beta chain

**Background:** 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.



Western blot analysis of Zebrafish skeletal muscle with  $\beta$ -tubulin Mouse mAb(Zebrafish Specific) diluted at 1:5,000.