

β -tubulin Mouse Monoclonal Antibody(Zebrafish Specific)

Catalog TDY142C TDY142F

Tel: 010-82908854

Quantity 50 μ L 100 μ L

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.**

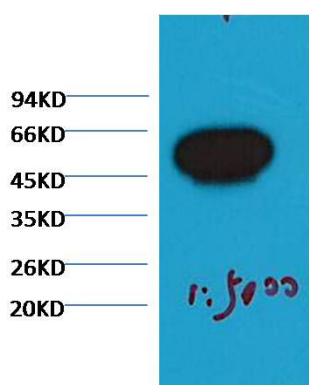
Recommended dilutions: WB: 1:5,000-20,000 IHC: 1:200 IF: 1:200

Optimal dilutions should be determined by the end user.

Specificity: The β -tubulin antibody can detect Zebrafish endogenous β -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 β -Tubulin may not be stable in certain cells. For example, expression of β -Tubulin in adipose tissue is very low and therefore β -Tubulin should not be used as loading control for these tissues.



Western blot analysis of Zebrafish skeletal muscle with β -tubulin Mouse

mAb(Zebrafish Specific) diluted at 1:5,000.