

β -tubulin Mouse Monoclonal

Antibody(Zebrafish Specific)

Catalog Number: E12-142
Amount: 100µg/100µl

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.

Form of Antibody: Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl,

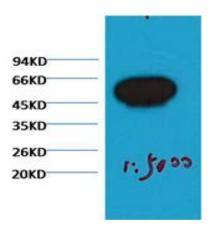
0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year. Do not aliquot the antibody.

Specificity/Sensitivity: Theβ-tubulin antibody can detects Zebrafish endogenousβ-tubulin protein.

Reactivity: Zebrafish

Applications: WB: 1:5,000-20,000 IHC: 1:200 IF: 1:200



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