# β-Tubulin Mouse Monoclonal Antibody（Zebrafish Specific）

# Catalog No.: RCA33

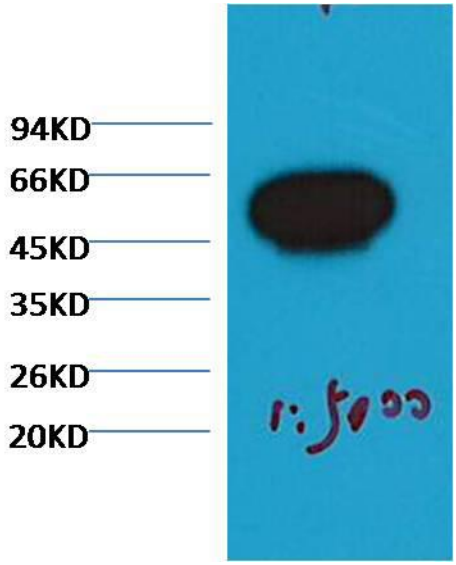
## Basic Information

| Information | |
|---|---|
| **Reactivity** | Zebrafish |
| **Immunogen** | Synthetic Peptide |
| **Host** | Mouse |
| **Isotype** | IgG1 |
| **Storage Buffer & Condition** | 1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol. |
| **Observed MW** | 55KD |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:5,000-20,000 |
| **IHC** | 1:200 |
| **IF** | 1:200 |

| Preparation & Storage | |
|---|---|
| **Storage** | Store at -20°C. Stable for one year from the date of shipment. |
| **Shipping** | Bule Ice |

# Experimental Data




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

# 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.