

A Reliable Research Partner in Life Science and Medicine

# beta Tubulin Monoclonal Antibody

catalog number: AN005310L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

**Reactivity** Human; Mouse; Rat; Zebrafish

Immunogen Recombinant human TUBB protein by E.coli

 Host
 Mouse

 Isotype
 IgG

 Clone
 2E8-2

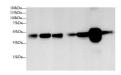
**Purification** Protein A/G Purification

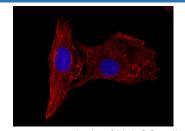
Buffer PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

## Applications Recommended Dilution

**WB** 1:2000-1:4000 **IF** 1:200-1:400

#### Data





Western blot with Anti beta Tubulin Monoclonal Antibody at dilution of 1:3000. Lane 1: HT-29 cell lysate, Lane 2: Jurkat cell lysate, Lane 3: 293T cell lysate, Lane 4: Raw264.7 cell

lysate, Lane 5: C6 cell lysate, Lane 6: Rat brain tissue

lysate, Lane 7: Zebrafish tissue lysate.

Observed-MW:55 kDa Calculated-MW:55 kDa

Immunofluorescence analysis of U-2 OS cells using beta Tubulin Monoclonal Antibody at dilution of 1:200.

Rev. V1.5

### **Preparation & Storage**

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping The product is shipped with ice pack, upon receipt, store it immediately at the

temperature recommended.

## **Background**

In eukaryotes there are six members of the tubulin superfamily.  $\alpha$ - and  $\beta$ -tubulins polymerize into microtubules, a major component of the eukaryotic cytoskeleton. Microtubules function in many essential cellular processes, including mitosis. Both  $\alpha$  and  $\beta$  tubulins have a mass of around 50 kDa. Tubulin was long thought to be specific to eukaryotes. Beta-tubulin gene is commonly used as a loading control for western blot.

## For Research Use Only

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com