

## FITC-conjugated beta Tubulin Monoclonal Antibody

**catalog number: AN00293C**

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

### Description

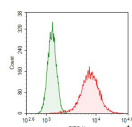
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant human TUBB protein by E. Coli
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Clone</b>	2E8-2
<b>Purification</b>	Protein A/G Purification
<b>Buffer</b>	PBS with 0.05% Proclin300 and 0.1% gelatin, pH7.4

### Applications

### Recommended Dilution

<b>FCM</b>	0.2 µg per 10 <sup>6</sup> cells in a 100 µL suspension
------------	---

### Data



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.2 µg FITC-conjugated beta Tubulin Monoclonal Antibody (red), or 0.2 µg FITC-conjugated beta Tubulin Monoclonal Antibody Isotype Control (green).

### Preparation & Storage

<b>Storage</b>	Store at 4°C Valid for 12 months. Avoid freeze / thaw cycles. Protected from prolonged exposure to light.
<b>Shipping</b>	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