

### 39-1061: Anti-gamma-Tubulin Monoclonal Antibody (Clone: GTU-88)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	GTU-88
<b>Application :</b>	ICC,WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	GGA3
<b>Gene ID :</b>	23163
<b>Uniprot ID :</b>	Q9NZ52
<b>Alternative Name :</b>	Gamma-adaptin-related protein 1, Golgi-localized, gamma ear-containing, ARF-binding protein 1
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Synthetic gamma-tubulin peptide(amino acids 38-53), conjugated to KLH.

#### Description

Gamma-tubulin is a universal component of microtubule organizing centers, which is essential for nuclear division and microtubule assembly in *Aspergillus nidulans*. TUBG1 mapped to within 20 kb of TUBG2 at 17q21. Gamma-tubulin is a minor protein, present at less than 1% the level of alpha- and beta-tubulin, and is limited to the centrosome. Gamma-tubulin is present in *Drosophila melanogaster* and *Homo sapiens*.

#### Product Info

<b>Amount :</b>	100 µg/vial
<b>Purification :</b>	Ascites
<b>Content :</b>	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN <sub>3</sub> as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
<b>Storage condition :</b>	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

#### Application Note

Western blot : 0.25-0.5µg/mlµg/ml; Immunocytochemistry : 1µg/mlµg/ml