

β-tubulin Mouse Monoclonal Antibody(5G3)

Catalog	TDY043C	TDY043F
Quantity	50μL	100μL

Tel: 010-82908854
Free: 400-0620-621
Web: www.tdybio.com

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC, IF	H, R, M, Mk, Dg, C, Hm, Rb, Sh Insect, Yeast	55KD	IgG1

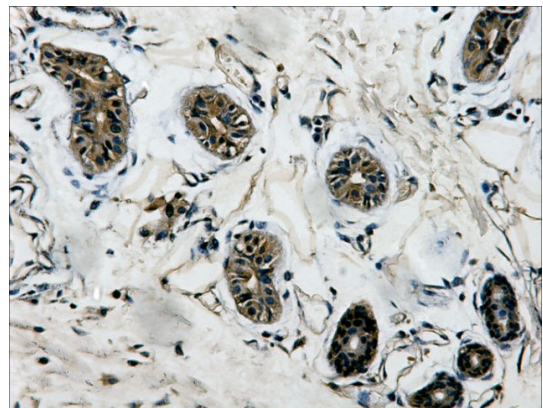
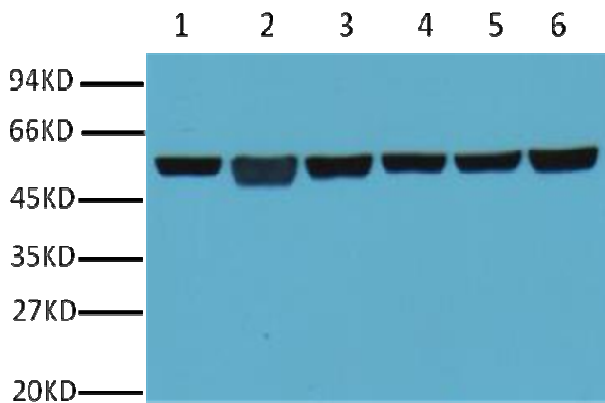
Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.
Store at **-20°C**. **Do not aliquot the antibody.**

Recommended dilutions: WB: 1:5,000 IHC: 1:200 IF: 1:100-200

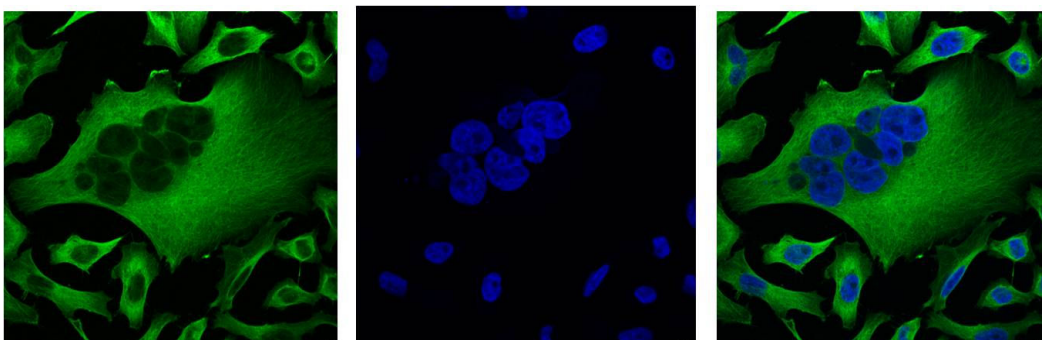
Optimal dilutions should be determined by the end user.

Specificity: Antibody can detects endogenous β-tubulin protein.

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.



Western blot analysis of A549 (1) , Rat brain (2) ,Mouse brain (3) ,Chicken lung (4) and Rabbit testis (5),Sheep muscle (6) with β-tubulin mouse mAb(5G3) diluted at 1:5000. IHC Staining of Human colon tissue with β-tubulin mouse mAb(5G3) diluted at 1:200.



Applications: WB-Western blot IHC-Immunochemistry IF-Immunofluorescence IP-Immunoprecipitation ChIP-Chormatin Immunoprecipitation
Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig



IF analysis of Hela with TDY043(Left) and DAPI (Right) diluted at 1:100.