



β-tubulin Mouse Monoclonal Antibody(5G3)

Catalog PMK181M PMK181S

Tel :400-457-3801

Quantity 50μL 100μL

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For research use only.

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

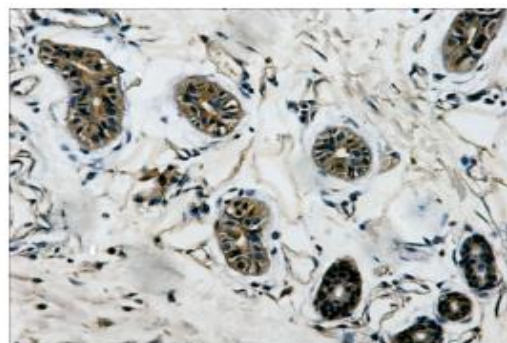
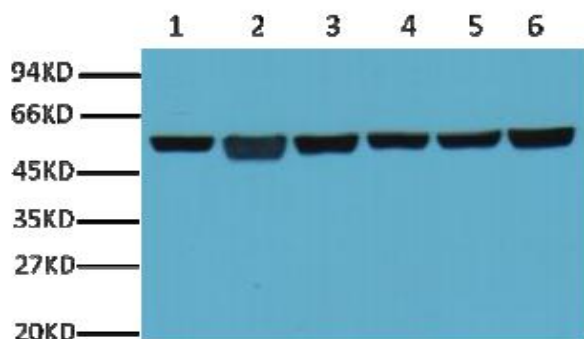
Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Store at -20°C. Do not aliquot the antibody.

Recommended dilutions: WB: 1:5,000 IHC: 1:200 IF: 1: 100-1: 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-Immunohistochemistry
H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog

IF-Immunofluorescence IP-Immunoprecipitation
Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep

ChIP-Chormatin Immunoprecipitation
Pg-Pig