β-Tubulin Control Antibody(Mouse)

Catalog Number: CAB0003

Amount: 100μg/100μl

Clone Number: 5G3

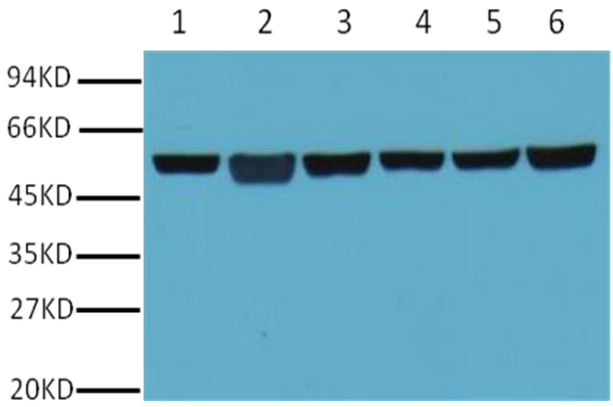
Background: Microtubules are constituent parts of the mitotic apparatus, cilia, flagella, and elements of the cytoskeleton. They consist principally of 2 soluble proteins, alpha- and beta-tubulin, each of about 55,000 Da. Antibodies against beta Tubulin are useful as loading controls for Western Blotting. 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.

Form of Antibody: Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

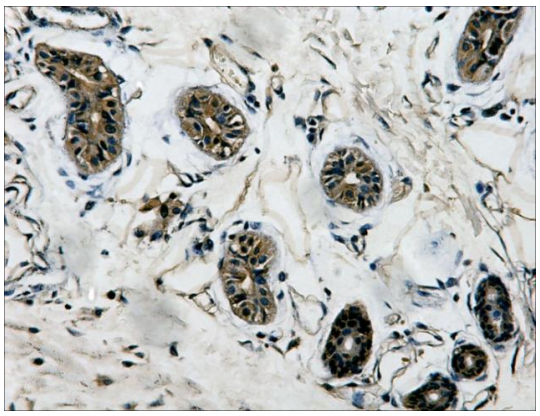
Storage/Stability: Store at -20ºC/1 year

Specificity/Sensitivity: Antibody can detect endogenous β-tubulin protein.

Applications: WB: 1:2,000-1:5,000 ; IHC: 1:200



Western blot analysis of A549 (lane 1), Rat brain (lane 2) ,Mouse brain (lane 3) ,Chicken lung (lane 4) and Rabbit testis (lane 5),Sheep muscle (lane 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.

塞魯士生技有限公司 Cyrusbioscience, Inc. www.cyrusbio.com.tw
Tel:(02)2298-8180 Fax:(02)2298-9891 e-mail: sales@cyrusbioscience.com