

# β-Tubulin Mouse Monoclonal Antibody



天津三箭生物技术股份有限公司  
Tianjin Sungene Biotech Co., Ltd.  
标准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
KM9003T	30 μl
KM9003	100 μl
KM9003L	1 ml

**Market** | 400-621-0003  
marketing@sungenebiotech.com

**Support** | 022-66211636-8024  
techsupport@sungenebiotech.com

**Web** | www.sungenebiotech.com

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.  
This product is guaranteed up to one year from purchase.

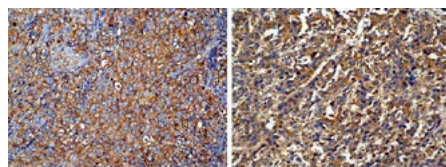
## Purified Antibody Characterization

Clone	Isotype	Applications
3G7	Mouse IgG	WB, IHC, IF

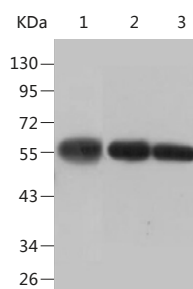
### Description

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 kDa. 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.

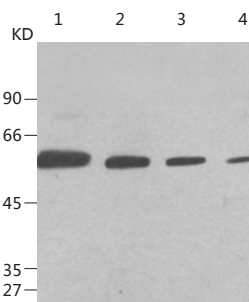
**Immunogen:** Full-length β-Tubulin protein of human.



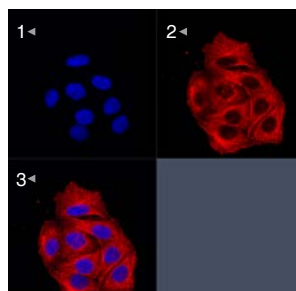
Immunohistochemistry Staining of human squamous cell carcinoma of cervical and prostate cancer with β-tubulin mouse mAb (3G7)



Western blot analysis of HeLa cell lysate (lane1), rat brain tissue lysate (lane2) and mouse brain tissue lysate (lane3) with β-Tubulin mouse mAb (3G7) diluted at 1:5000.



Western blot analysis of HeLa cell lysate with β-Tubulin mouse mAb (3G7) diluted at 1:5000 (lane1), 1:10000 (lane2), 1:20000 (lane3) and 1:40000 (lane4).



Immunofluorescence Staining of SW480 cell with β-Tubulin mouse mAb (3G7).  
Fig.1: Nuclei stained with DAPI  
Fig.2: ImmunoFluorescent analysis with β-Tubulin  
Fig.3: Merge (1+2).

## Product Information

**Recommended dilutions:** WB: 1:1000~1:10000, IF: 1:200~1:1000, IHC: 1:200~1:1000

Optimal dilutions/concentrations should be determined by the end user.

**Form:** Liquid

**Concentration:** 1.0 mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.

**Storage:** Store at -20° C or below. Avoid repeated freezing and thawing cycles.

**Reactivity:** Human, Rat, Mouse, C.elegans, Fruit fly

## Related Products:

Cat.No.	Name
KM9001	β-Actin Mouse mAb
KM9002	GAPDH Mouse mAb
KM9004	Plant Actin Mouse mAb
KM9005	Histone H3.1 Mouse mAb
KM9006	α-Actin Mouse mAb
KM9007	α-Tubulin Mouse mAb
LK9001	β-Actin-HRP Mouse mAb
LK9002	GAPDH-HRP Mouse mAb
LK9003	β-Tubulin-HRP Mouse mAb
LK2003	Goat anti-Mouse IgG(H+L)-HRP
GM200G-02	FITC Goat anti-Mouse IgG(H+L)
GM200G-09	PE Goat anti-Mouse IgG(H+L)
GM200G-37	IF555 Goat anti-Mouse IgG(H+L)
GM200G-38	IF488 Goat anti-Mouse IgG(H+L)
GM200G-40	IF647 Goat anti-Mouse IgG(H+L)
GM200G-43	IF594 Goat anti-Mouse IgG(H+L)

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