

β-Tubulin Monoclonal Antibody(5G3)

Catalog No: #44032

Package Size: #44032-1 50ul #44032-2 100ul

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Description

Product Name	β-Tubulin Monoclonal Antibody(5G3)
Host Species	Mouse
Clonality	Monoclonal
Clone No.	5G3
Isotype	IgG1
Applications	WB IHC IF
Species Reactivity	Hu Rt Ms Mk D Chk Hm Rb Shp Insect Yeast
Specificity	The antibody detects endogenous β-tubulin protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic Peptide
Conjugates	Unconjugated
Target Name	β-Tubulin
Other Names	TUBB3; TUBB4; Tubulin beta-3 chain; Tubulin beta-4 chain; Tubulin beta-III
Accession No.	Swiss-Prot:Q13509Gene ID:10381
Calculated MW	55kd
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

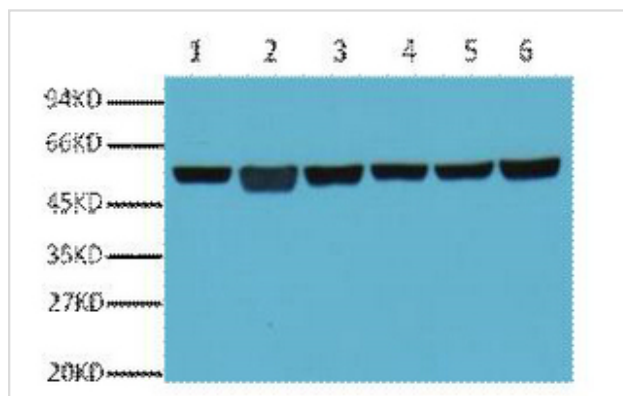
Application Details

Western blotting: 1:500-1:2000

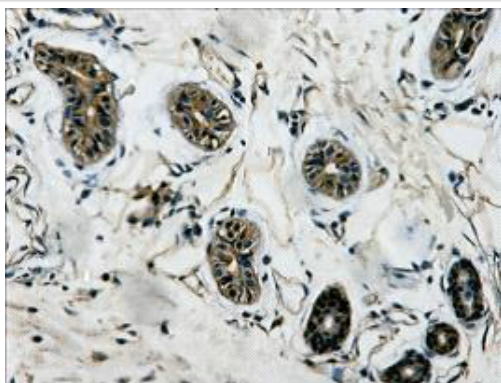
Immunohistochemistry: 1:50-1:200

Immunofluorescence: 1:50-1:100

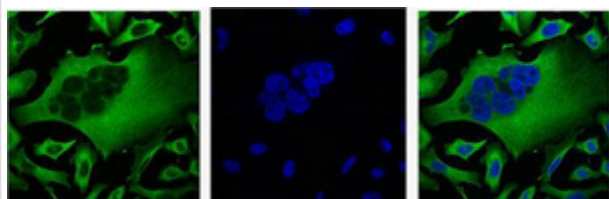
Images



Western blot analysis of A549 (1), Rat brain (2), Mouse brain (3), Chicken lung (4) and Rabbit testis (5), Sheep muscle (6), diluted at 1:5000.



IHC Staining of Human colon tissue, diluted at 1:200.



IF analysis of Hela with β -Tubulin Monoclonal Antibody(Left) and DAPI (Right) diluted at 1:100.

Published Papers

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el at., miR-137 and miR-197 induce apoptosis and suppress tumorigenicity by targeting MCL-1 in multiple myeloma. In Clin Cancer Res on 2015 May 15 by Yijun Yang , Fei Li et al.. PMID:25724519 , , (2015)

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el at., Transcription factor Nrf1 is negatively regulated by its O-GlcNAcylation status. In FEBS Lett on 2015 Aug 19 by Jiayu Chen, Xiping Liu et al.. PMID: 26231763 , , (2015)

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el at., The Role of STAT3 Signaling Pathway Activation in Subconjunctival Scar Formation after Glaucoma Filtration Surgery In Int J Mol Sci On 2023 Jul 30 by Yanxia Li , Jing Zhao et al.. PMID:37569586 , , (2023)

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Lanping Zhu; Yang Luo; Yaxin Liu; Siyuan Sun; Junjie Yuan; Lijun Zhang; Weilong Zhong; Shuang Ma; Zihan Yu; Jinjie Zhou; Xin Chen; Jingwen Zhao et al., Clostridium butyricum ameliorates indomethacin-induced enteropathy by promoting MUC2 secretion via suppressing the Notch pathway., , (2025)

[PMID:40177488](#)

Minghui Xia; Zhi Yu; Yuhang Wang; Donghua Liu; Yan Wang; Shuang Wu; Bin Xu et al., Electroacupuncture Combined with Press Needles Alleviates Simple Obesity via VEGF-C/VEGFR-3/PI3K/AKT Signaling Pathway., , (2025)

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Zhipeng Zhang; Yanmei Wu; Wenqiang Liang; Zhifang Liao; Hongbo Liao; Xingxing Xing; Wenxin Yi; Zixuan Liu; Yicheng Li; Mengya Shi; Dongling Lin; Ting Gu; Biao Wu; Mingzhi Zou; Huilai Miao; Xin Wu et al., Eurycomalactone switched hepatocellular carcinoma cells into quiescence through 5'tRFAla/DVL/ β -catenin pathway inhibition., , (2025)

[PMID:40128187](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.