

α -tubulin Mouse Monoclonal Antibody

Catalog No: #37981



Package Size: #37981-1 50ul #37981-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	α -tubulin Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	Affinity purification using immunogen.
Applications	WB IF IP
Species Reactivity	Human;Mouse;Rat
Specificity	The α -tubulin antibody can detects endogenous α -tubulin protein.
Conjugates	Unconjugated
Target Name	α -tubulin
Other Names	alpha-tubulin N-acetyltransferase; ATAT1; C6orf134; CF134;
Accession No.	Swiss-Prot#:Q71U36/P68363 Gene ID 7846/10376
SDS-PAGE MW	52kd
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

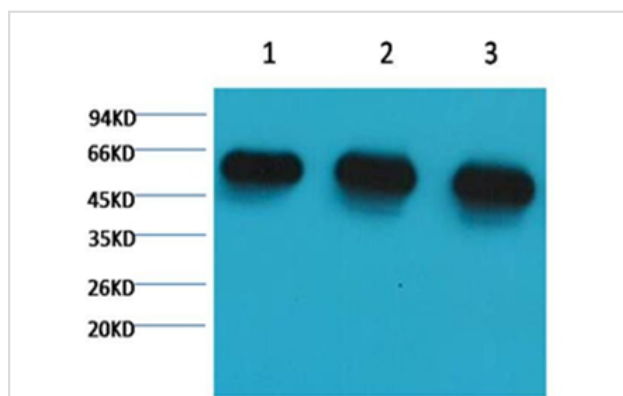
Application Details

Western blotting: 1:5000~1:10000

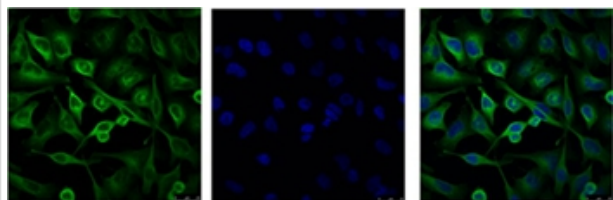
Immunofluorescence: 1:100~1:200

Immunoprecipitation: 1:200

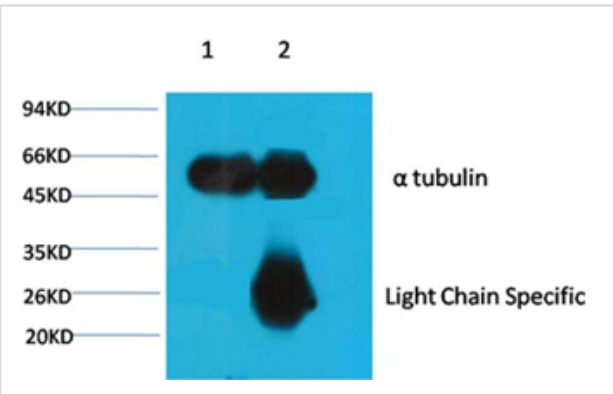
Images



Western blot analysis of 1) Hela, 2) Rat Brain Tissue, 3) Mouse Brain Tissue, using #37981 diluted at 1:5,000.



IF analysis of HeLa cells with #37981 (Left) and DAPI (Right) diluted at 1:100.



1B'B'Input: Mouse Brain Tissue Lysate
2B'B'IP product: IP dilute 1:200
Western blot analysis: primary antibody : #37981 1:5,000
Secondary antibody: Goat anti-Mouse IgG, Light chain specific, 1:5,000

Background

Tubulin is one of several members of a small family of globular proteins. The tubulin superfamily includes five distinct families, the alpha-, beta-, gamma-, delta-, and epsilon-tubulins. The most common members of the tubulin family are α -tubulin and β -tubulin, the proteins that make up microtubules. Each has a molecular weight of approximately 55 KD. Microtubules are assembled from dimers of α - and β -tubulin

Published Papers

et al., Alpha-lipoic acid alleviates NAFLD and triglyceride accumulation in liver via modulating hepatic NLRP3 inflammasome activation pathway in type 2 diabetic rats. In Food Sci Nutr on 2021 Mar 13 by Chih-Yuan Ko, Yangming Martin Lo, et al..PMID: 34026086 , (2021)

[PMID:34026086](#)

et al., Promotion effect of TGF- β -Zfp423-ApoD pathway on lip sensory recovery after nerve sacrifice caused by nerve collateral compensation in Int J Oral Sci On 2023 Jun 8 by Pingchuan Ma, Gaowei Zhang, et al..PMID: 37286538 , (2023)

[PMID:37286538](#)

et al., Novel oxican nonsteroidal compound XK01 attenuates inflammation by suppressing the NF- κ B and MAPK pathway in RAW264.7 macrophages. In Heliyon on 2024 Jan 9 by Jixiang Wang, Jiawang Tan, et al..PMID:38312593 , (2024)

[PMID:38312593](#)

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