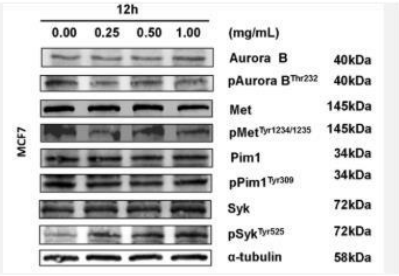
PRODUCT DATA SHEET

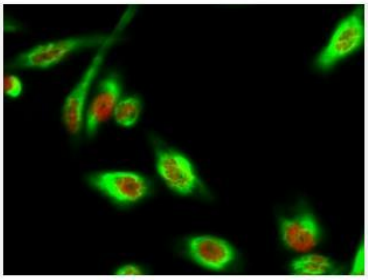
α-tubulin mAb (8F11)

Catalog No.	IDS0215
Reactivity	Human; Mouse; Rat
Applications	WB; IHC-p; IF/ICC; IP
Alternative Names	Tubulin alpha-1A chain; Alpha-tubulin 3; Tubulin B-alpha-1; Tubulin alpha-3 chain; TUBA1A
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.07% sodium azide.
Source	Mouse
Dilution	WB: 1:2000-1:10000; IHC 1:50-1:300; IF: 1:200; IP: 1:50
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Concentration	1 mg/ml
Storage&Stability	Store at 4 ℃ short term. Aliquot and store at -20 ℃ long term. Avoid freeze-thaw cycles.
Subcellular Location	-
MW	~ 55 Kda
Background	Tubulin is the major constituent of microtubules, a cylinder consisting of laterally associated linear protofilaments composed of alpha- and beta-tubulin heterodimers. Microtubules grow by the addition of GTP-tubulin dimers to the microtubule end, where a stabilizing cap forms. Below the cap, tubulin dimers are in GDP-bound state, owing to GTPase activity of alpha-tubulin.
Swiss-Prot	Q71U36/P68363

Products Images:



Wang, T., Liang, L., Zhao, C. et al. Elucidating direct kinase targets of compound Danshen dropping pills employing archived data and prediction models. Sci Rep 11, 9541 (2021).



Immunofluorescence analysis of Hela cell. 1,DAPK3 (phospho Thr265) Polyclonal Antibody(red) was diluted at 1:200(4° overnight). α-tubulin Monoclonal Antibody(8F11)(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 Catalog:RS3611 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 Catalog:RS3208 was diluted at 1:1000(room temperature, 50min).

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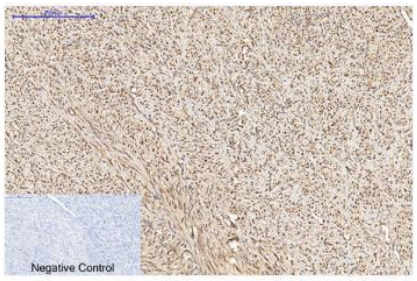
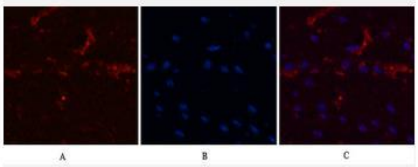
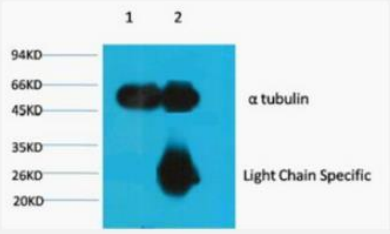


Immunohistochemical analysis of paraffin-embedded Human-uterus-cancer tissue. 1,α-tubulin Monoclonal Antibody(8F11) was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunofluorescence analysis of Human-colon-cancer tissue. 1,α-tubulin Monoclonal Antibody(8F11)(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



1) Input: Mouse Brain Tissue Lysate 2) IP product: IP dilute 1:200