

β -Tubulin Mouse mAb

CABC021

Description

This β -Tubulin Mouse mAb is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CABC021
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	M40, TUBB1, TUBB5, CDCBM6, CSCSC1, OK/SW-cl.56, β -Tubulin
Clone:	AMC0498
Applications:	WB IHC-P IF/ICC IP ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat, Hamster, Monkey, Goat, Chlamydomonas Reinhardtii

Antibody Data

Gene ID:	203068
Uniprot:	AB_2773004
Host Species:	Mouse
Purification:	Affinity purification
Observed MW:	50kDa
Calculated MW:	50kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 1% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

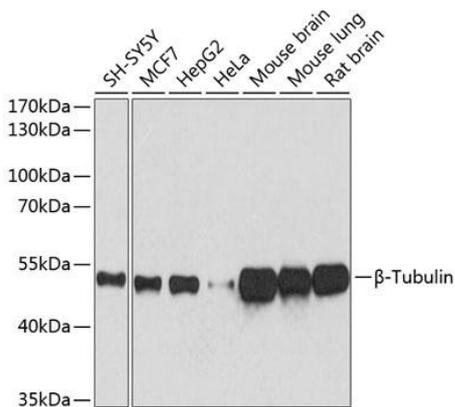
Positive Sample: SH-SY5Y, MCF-7, HepG2, HeLa, Mouse brain, Mouse lung, Rat brain

Recommended Dilutions:

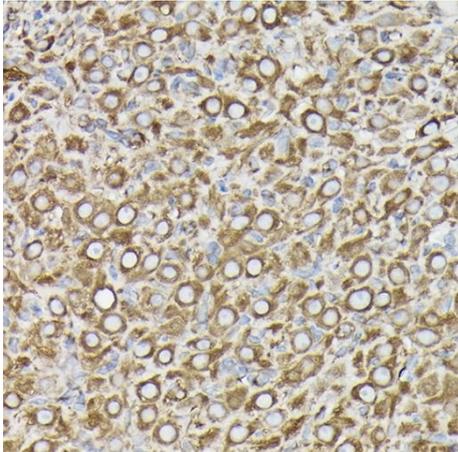
WB	1:5000 - 1:10000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
IP	0.5ug-4ug antibody for 200ug-400ug extracts of whole cells
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

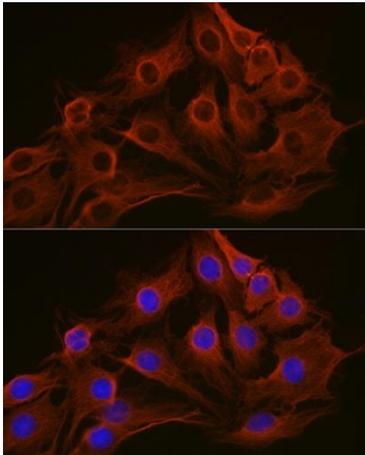
Validation Data



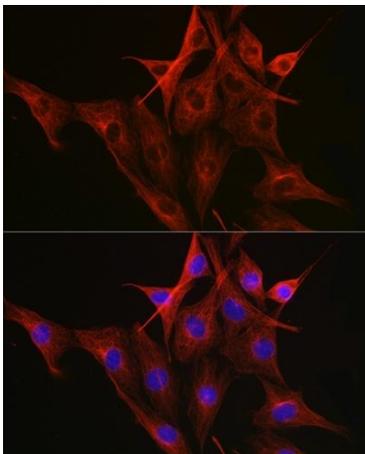
Western blot analysis of various lysates using β-Tubulin Mouse mAb (CABC021) at 1:5000 dilution. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Rat ovary using β -Tubulin Mouse mAb (CABC021) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of cells using β -Tubulin Mouse mAb (CABC021) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using β -Tubulin Mouse mAb (CABC021) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.