AC010
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# β-Tubulin Mouse mAb

**Catalog No.: AC010** 10 Publications

## Basic Information

**Observed MW**
55kDa

**Calculated MW**
50kDa

**Category**
Monoclonal Antibody

**Applications**
WB,IHC-P,ELISA

**Cross-Reactivity**
Human,Mouse,Rat

**Clone number**
AMC0497

## Background

This gene encodes a beta tubulin protein. This protein forms a dimer with alpha tubulin and acts as a structural component of microtubules. Mutations in this gene cause cortical dysplasia, complex, with other brain malformations 6. Alternative splicing results in multiple splice variants. There are multiple pseudogenes for this gene on chromosomes 1, 6, 7, 8, 9, and 13.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:2000 - 1:6000 |
| **IHC-P** | 1:200 - 1:500 |
| **ELISA** | Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements. |

## Immunogen Information

**Gene ID**
203068

**Swiss Prot**
P07437

**Immunogen**
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

**Synonyms**
M40; TUBB1; TUBB5; CDCBM6; CSCSC1; OK/SW-cl.56; β-Tubulin

## Contact

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## Product Information

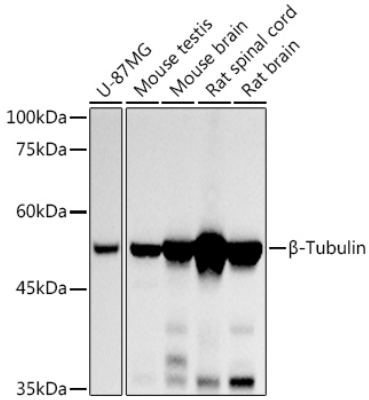
**Source**
Mouse

**Isotype**
IgG1

**Purification**
Affinity purification

**Storage**
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data




Western blot analysis of various lysates using β-Tubulin Mouse mAb (AC010) at 1:5000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



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