

AC008

Leader in Biomolecular Solutions for Life Science



## β-Tubulin Rabbit pAb

Catalog No.: AC008

132 Publications

### Basic Information

#### Observed MW

55kDa

#### Calculated MW

50kDa

#### Category

Polyclonal Antibody

#### Applications

WB, IHC-P, IF/ICC

#### Cross-Reactivity

Human, Mouse, Rat

### 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	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

### Immunogen Information

#### Gene ID

203068

#### Swiss Prot

P07437

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 40-260 of human β-Tubulin (NP\_006077.2).

#### Synonyms

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

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

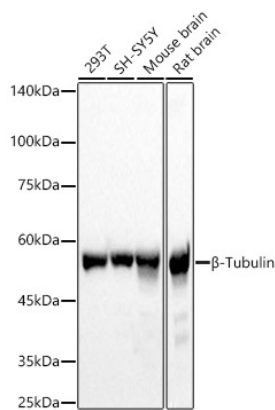
Affinity purification

#### Storage

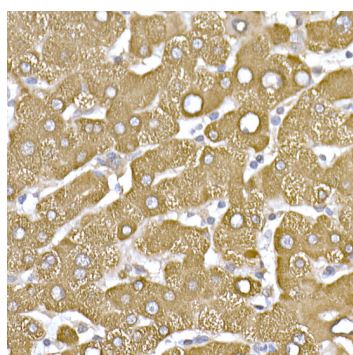
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

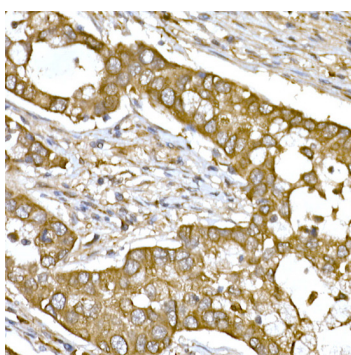
## Validation Data



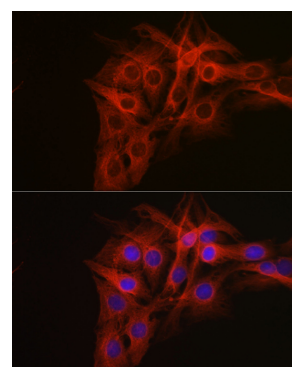
Western blot analysis of various lysates, using β-Tubulin Rabbit pAb (AC008) at 1:2000 dilution.  
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25μg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 1s.



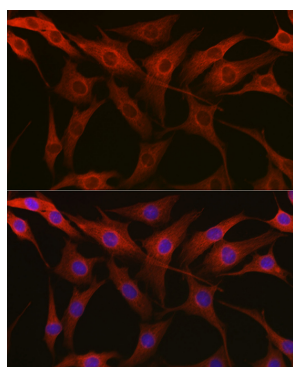
Immunohistochemistry analysis of paraffin-embedded human liver using β-Tubulin Rabbit pAb (AC008) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



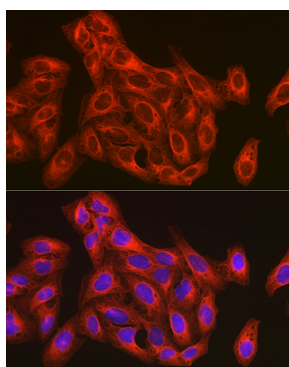
Immunohistochemistry analysis of paraffin-embedded human lung cancer using β-Tubulin Rabbit pAb (AC008) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of C6 cells using β-Tubulin Rabbit pAb (AC008) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using β-Tubulin Rabbit pAb (AC008) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using β-Tubulin Rabbit pAb (AC008) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.