

A4798

Leader in Biomolecular Solutions for Life Science



## $\beta$ II-Tubulin/ $\beta$ 2-Tubulin Rabbit mAb

Catalog No.: A4798

Recombinant

### Basic Information

#### Observed MW

50kDa

#### Calculated MW

50kDa

#### Category

SMab Recombinant Monoclonal  
Antibody

#### Applications

WB,IHC-P,IF/ICC,ELISA

#### Cross-Reactivity

Human,Mouse,Rat

#### CloneNo number

ARC0227

### Background

Microtubules, key participants in processes such as mitosis and intracellular transport, are composed of heterodimers of alpha- and beta-tubulins. The protein encoded by this gene is a beta-tubulin. Defects in this gene are associated with complex cortical dysplasia with other brain malformations-5. Two transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2015]

### Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

### Immunogen Information

#### Gene ID

7280/347733

#### Swiss Prot

Q13885/Q9BVA1

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 346-445 of human  $\beta$ II-Tubulin/ $\beta$ 2-Tubulin (Q13885).

#### Synonyms

CDCBM5; TUBB; TUBB2;  $\beta$ II-Tubulin/ $\beta$ 2-Tubulin

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

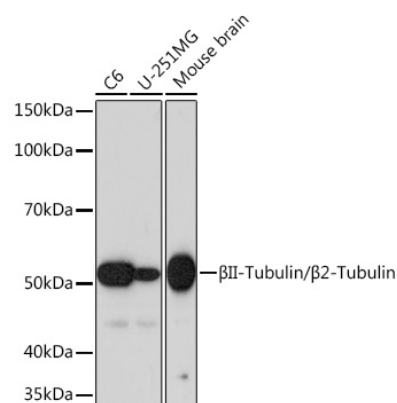
Affinity purification

#### Storage

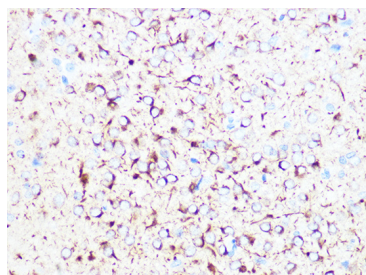
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

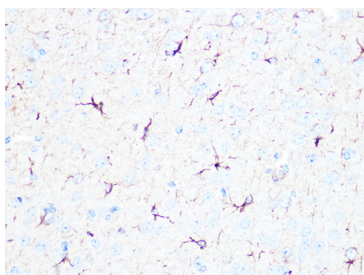
## Validation Data



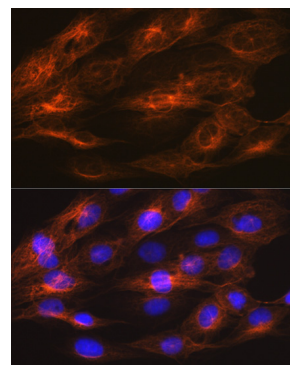
Western blot analysis of various lysates using  $\beta$ II-Tubulin/ $\beta$ 2-Tubulin Rabbit mAb (A4798) at 1:1000 dilution.  
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25 $\mu$ g per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Rat brain using  $\beta$ II-Tubulin/ $\beta$ 2-Tubulin Rabbit mAb (A4798) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using  $\beta$ II-Tubulin/ $\beta$ 2-Tubulin Rabbit mAb (A4798) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence analysis of C6 cells using  $\beta$ II-Tubulin/ $\beta$ 2-Tubulin Rabbit mAb (A4798) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.