

## MAP-2 Mouse mAb

CatalogNo: YM1061

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human, Mouse, Rat, Bovine, Pig

#### Applications

- WB, IF

#### MW

- 200kD (Calculated)

### Recommended Dilution Ratios

**WB 1:1000-1:2000**

**IF 1:100-1:500**

**Not yet tested in other applications.**

### Storage

#### Storage\*

-15°C to -25°C/1 year(Do not lower than -25°C)

#### Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

#### Clonality

Monoclonal

### Immunogen Information

#### Immunogen

Purified recombinant human MAP-2 (N-terminus) protein fragments expressed in E.coli.

#### Specificity

MAP-2 Monoclonal Antibody detects endogenous levels of MAP-2 protein.

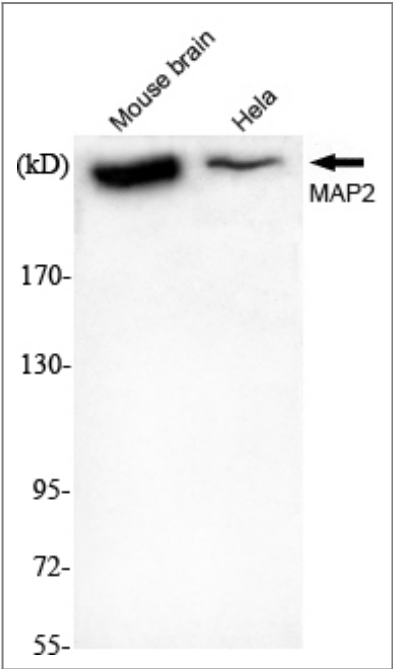
### Target Information

#### Gene name

MAP2

|                              |   |                       |                         |
|------------------------------|---|-----------------------|-------------------------|
| <b>Protein Name</b>          | Microtubule-associated protein 2  |                       |                         |
|                              | <b>Organism</b>   | <b>Gene ID</b>        | <b>UniProt ID</b>       |
|                              | Human   | <a href="#">4133;</a> | <a href="#">P11137;</a> |
|                              | Mouse   |                       | <a href="#">P20357;</a> |
|                              | Rat   |                       | <a href="#">P15146;</a> |
| <b>Cellular Localization</b> | Cytoplasm, cytoskeleton . Cell projection, dendrite .   |                       |                         |
| <b>Tissue specificity</b>    | Brain,Brain cortex,Epithelium,Pancreas,Testis,  |                       |                         |
| <b>Function</b>              | Alternative products:Additional isoforms seem to exist,Function:The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also seem to have a stiffening effect on microtubules.,PTM:MAP2A/c is phosphorylated. Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 3 Tau/MAP repeats.,similarity:Contains 4 Tau/MAP repeats., |                       |                         |

| Validation Data



Western Blot analysis using MAP-2 Monoclonal Antibody against mouse brain, HeLa cell lysate.



Immunofluorescence analysis of HeLa cells using MAP-2 Monoclonal Antibody.

## | Contact information

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Please scan the QR code  
to access additional  
product information:  
**MAP-2 Mouse mAb**

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