

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

Protein Name Microtubule-associated protein 2

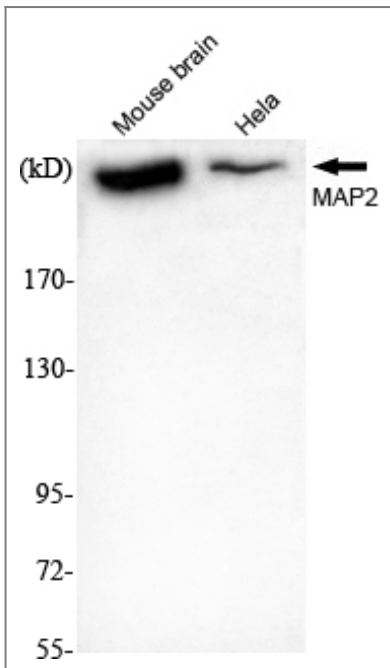
Organism	Gene ID	UniProt ID
Human	4133;	P11137;
Mouse		P20357;
Rat		P15146;

Cellular Localization Cytoplasm, cytoskeleton . Cell projection, dendrite .

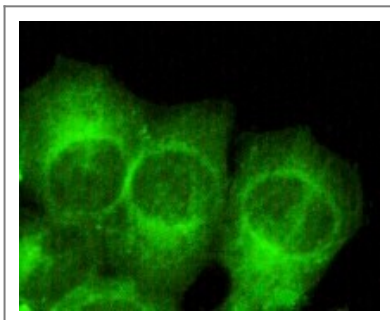
Tissue specificity Brain,Brain cortex,Epithelium,Pancreas,Testis,

Function 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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