

## MAP2 mouse mAb(7D4) antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A17310	Mouse	1 mg/ml	199539

<b>Applications</b>	IHC,IF
<b>Reactivity</b>	Human,Mouse,Rat
<b>Dilution</b>	WB 500-2000 1:200 IF 1:50-200
<b>Storage</b>	-20°C/1 year
<b>Specificity</b>	The antibody detects endogenous MAP2 proteins.
<b>Source / Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Immunogen</b>	Synthetic Peptide of MAP2
<b>Uniprot No</b>	P11137
<b>Alternative names</b>	MAP2; Microtubule-associated protein 2; MAP-2
<b>Form</b>	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Conjugation</b>	
<b>Background</b>	microtubule associated protein 2(MAP2) Homo sapiens This gene encodes a protein that belongs to the microtubule-associated protein family. The proteins of this family are thought to be involved in microtubule assembly, which is an essential step in neurogenesis. The products of similar genes in rat and mouse are neuron-specific cytoskeletal proteins that are enriched in dendrites, implicating a role in determining and stabilizing dendritic shape during neuron development. A number of alternatively spliced variants encoding distinct isoforms have been described. [provided by RefSeq, Jan 2010],
<b>Other</b>	MAP2, Microtubule-associated protein 2

### Product Images:

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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*For life science research only. Not for use in diagnostic procedures.*

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