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**Product Name: MAP2 Mouse Monoclonal Antibody****Catalog #: AMM84992**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC,ICC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	IHC 1:50-1:100,ICC 1:50-1:200
<b>Molecular Weight</b>	/

**Antigen Information**

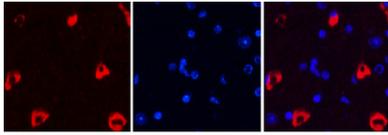
<b>Gene Name</b>	MAP2
<b>Alternative Names</b>	Microtubule associated protein 2; MAP2A; MAP2B; MAP2C
<b>Gene ID</b>	4133.0
<b>SwissProt ID</b>	P11137
<b>Immunogen</b>	Synthetic Peptide of MAP2

**Background**

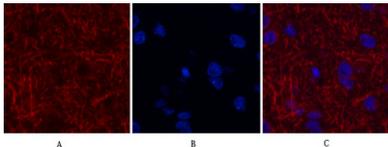
The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also seem to have a stiffening effect on microtubules.

## Research Area

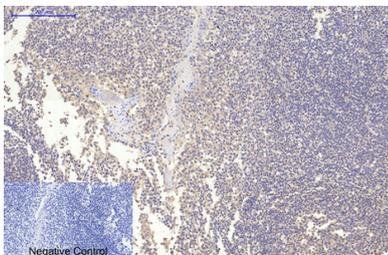
### Image Data



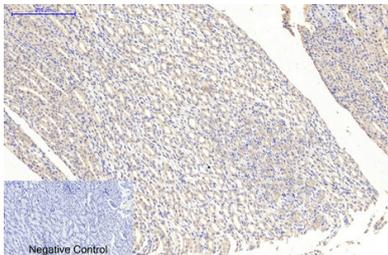
Immunofluorescence analysis of MAP2 in mouse brain tissue using MAP2 antibody(7D4)(red),and DAPI (blue).



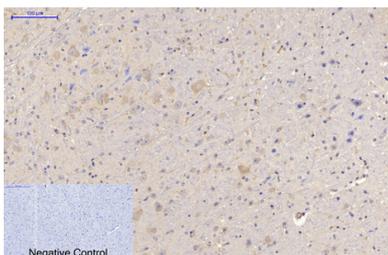
Immunofluorescence analysis of MAP2 in rat brain using MAP2 antibody(7D4) (red) ,and DAPI (blue).



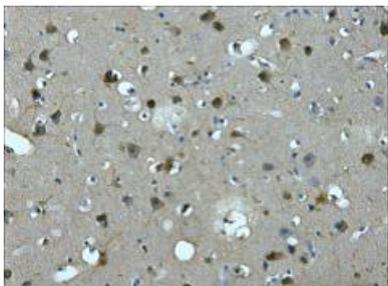
Immunohistochemistry analysis of paraffin-embedded Human Tonsil tissue using MAP2 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Human tonsils using MAP2 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded mouse brain tissue using MAP2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded Human brain tissue using MAP2 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.