

**产品名称: MAP2 (3B5) Mouse Monoclonal Antibody**  
**产品货号: AMM03341**



## 产品概述 (Summary)

|                        |                                      |
|------------------------|--------------------------------------|
| 产品名称 (Production Name) | MAP2 (3B5) Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody            |
| 宿主 (Host)              | Mouse                                |
| 应用 (Application)       | IHC, ICC/IF                          |
| 种属反应性 (Reactivity)     | Human, Mouse, Rat                    |

## 产品性能 (Performance)

|                     |                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                   |
| 修饰 (Modification)   | Unmodified                                                                                     |
| 同种型 (Isotype)       | IgG1                                                                                           |
| 克隆 (Clonality)      | Monoclonal                                                                                     |
| 形式 (Form)           | Liquid                                                                                         |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.       |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| 纯化方式 (Purification) | Affinity Purification                                                                          |

## 免疫原信息 (Immunogen)

|                        |                                                       |
|------------------------|-------------------------------------------------------|
| 基因名 (Gene Name)        | MAP2                                                  |
| 别名 (Alternative Names) | Microtubule associated protein 2; MAP2A; MAP2B; MAP2C |
| 基因 ID (Gene ID)        | 4133                                                  |
| 蛋白 ID (SwissProt ID)   | P11137.                                               |

## 产品应用 (Application)

|                          |                                   |
|--------------------------|-----------------------------------|
| 稀释比 (Dilution Ratio)     | IHC 1:50-1:100, ICC/IF 1:50-1:200 |
| 蛋白分子量 (Molecular Weight) | -                                 |

## 研究背景 (Background)

The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also seem

产品名称: MAP2 (3B5) Mouse Monoclonal Antibody  
产品货号: AMM03341

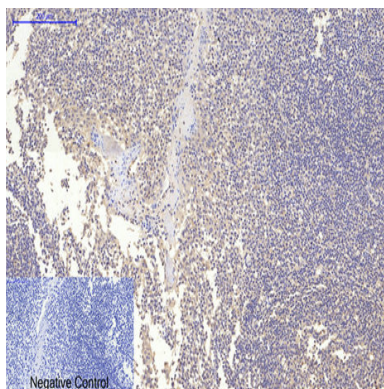


to have a stiffening effect on microtubules.

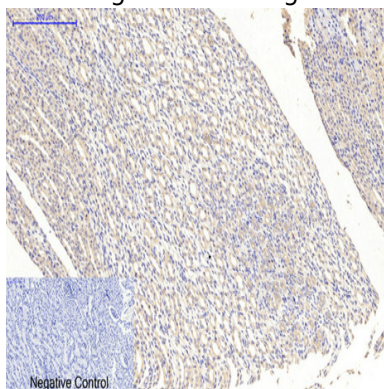
## 研究领域 (Research Area)

Neuroscience

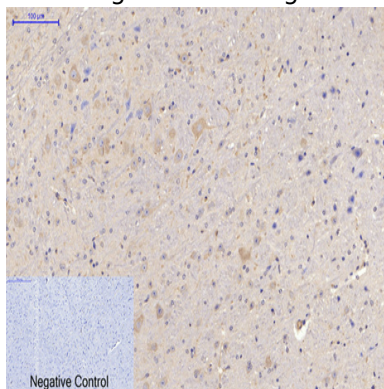
## 图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded Human Tonsil tissue using MAP2 (3B5) 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 (3B5) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.

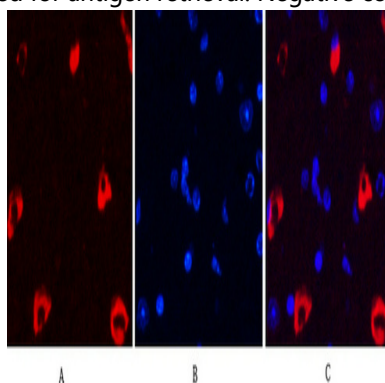


Immunohistochemistry analysis of paraffin-embedded mouse brain tissue using MAP2 antibody. High-pressure and

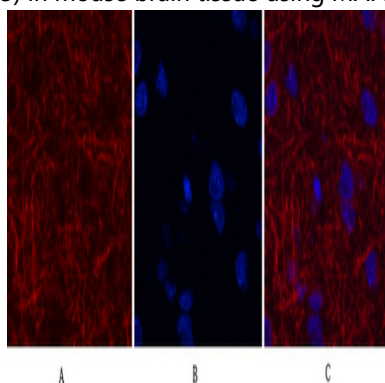
**产品名称: MAP2 (3B5) Mouse Monoclonal Antibody**  
**产品货号: AMM03341**



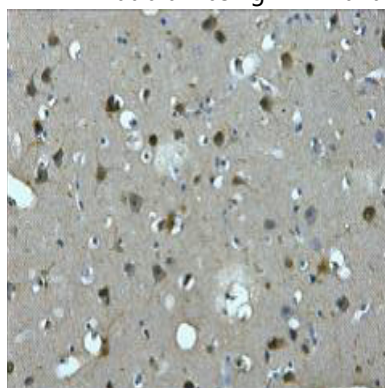
temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



Immunofluorescence analysis of MAP2 (3B5) in mouse brain tissue using MAP2 (3B5) 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 brain tissue using MAP2 (3B5) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## **注意事项 (Note)**

For research use only .