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39-1047: Anti-MAP1 Monoclonal Antibody (Clone:HM-1)

Clonality: Monoclonal
Clone Name: HM-1

Application: WB,IHC-P,IHC-F

Reactivity: Mouse
Gene: Mapla
Gene ID: 25152
Uniprot ID: P34926

Alternative Name: Microtubule-associated protein 1A; MAP-1A; MAP1A heavy chain; MAP1 light chain LC2;

Map1a; Mtap1a

Isotype: Mouse IgG1

Immunogen Information: Rat brain microtubule-associated proteins(MAPs).

Description

Microtubules are the ubiquitous cytoskeletal structural components that are involved in intracellular transport. They are composed of tubulin and microtubule-associated proteins(MAPs). MAP1 is one of the major neuronal MAPs as well as being the largest(350KD). MAPs include MAP1A, MAP1B, and MAP2. MAP1a is a single-copy gene spanning 10.5 kb. MAP1a coding sequence is contained in five exons. MAP1B is encoded as a polyprotein that is processed to form a complex N-terminal microtubule-binding domain.

Product Info

Amount : 100 μg/vial **Purification :** Ascites

Content: Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.

Reconstitute: Add 1ml of PBS buffer will yield a concentration of 100ug/ml.

Storage condition:

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and

stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Application Note

Immunohistochemistry(Frozen Section) : 1-2Ã\[\hat{A}\frac{1}{4}g/ml\]

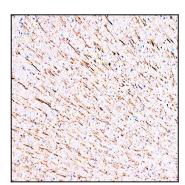


Figure 1: Anti-MAP1 monoclonal antibody(39-1047). IHC(P): Rat Brain Tissue.