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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 :	Map1a
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

Western blot : 0.5-2Ã□Â¼g/ml; Immunohistochemistry(Paraffin-embedded Section) : 1-2Ã□Â¼g/ml; Immunohistochemistry(Frozen Section) : 1-2Ã□Â¼g/ml

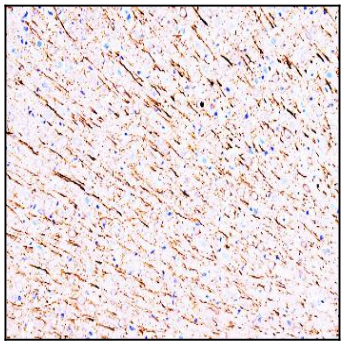

Figure 1: Anti-MAP1 monoclonal antibody(39-1047). IHC(P): Rat Brain Tissue.