

## 39-1048: Anti-MAP2 Monoclonal Antibody (Clone: HM-2)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	HM-2
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	Map2
<b>Gene ID :</b>	25595
<b>Uniprot ID :</b>	P15146
<b>Alternative Name :</b>	Microtubule-associated protein 2; MAP-2; Map2; Mtap2
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Rat brain microtubule-associated proteins(MAPs).

### Description

MAP2, a 280-kD protein, is highly concentrated in neuronal somata and dendrites. Microtubule-associated protein 2(MAP2)is a neurosteroid receptor. MAP2 gene contains 19 exons, and located in segment 2q34-q35. The transgenic MAP2c was present in dendrites but not in axons but transgenic MAP2c messenger RNA was limited to cell bodies.

### Product Info

<b>Amount :</b>	100 µg/vial
<b>Purification :</b>	Ascites
<b>Content :</b>	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.
<b>Storage condition :</b>	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 : 0.5-2½µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 1-2½µg/ml

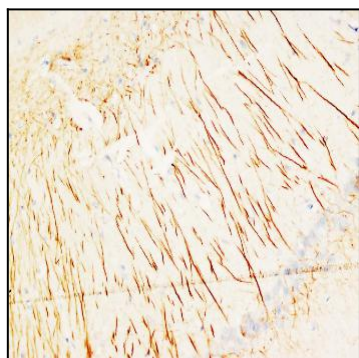


Figure 1: Anti-MAP2 monoclonal antibody(39-1048). IHC(P): Rat Brain Tissue.