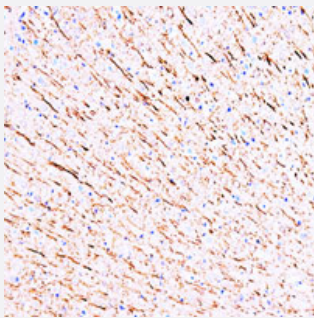


Map1a monoclonal antibody, clone HM-1

Catalog # MAB1520 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of rat brain using Map1a monoclonal antibody, clone MP-1 (Cat # MAB1520).

Specification

Product Description	Mouse monoclonal antibody raised against native Map1a.
Immunogen	Native purified rat Map1a.
Host	Mouse
Reactivity	Rat
Form	Lyophilized
Purification	Affinity purification
Isotype	IgG1
Recommend Usage	Western Blot (0.5-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) Immunohistochemistry (Frozen sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 1.2% sodium acetate (2 mg BSA, 0.01 mg sodium azide)

Storage Instruction

Store at -20°C on dry atmosphere.
After reconstitution with 1 mL of 1.2% sodium acetate or neutral PBS and concentration will be 100 u g/mL, store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining of rat brain using Map1a monoclonal antibody, clone MP-1 (Cat # MAB1520).

- Immunohistochemistry (Frozen sections)

Gene Info — Map1a

Entrez GeneID [25152](#)

Gene Name Map1a

Gene Alias Mtap1a

Gene Description microtubule-associated protein 1A

Gene Ontology [Hyperlink](#)

Other Designations -

Publication Reference

- [Human microtubule-associated protein 1a \(MAP1A\) gene: genomic organization, cDNA sequence, and developmental- and tissue-specific expression.](#)

Fink JK, Jones SM, Esposito C, Wilkowski J.

Genomics 1996 Aug; 35(3):577.

- [MAP1B is encoded as a polyprotein that is processed to form a complex N-terminal microtubule-binding domain.](#)

Hammarback JA, Obar RA, Hughes SM, Vallee RB.

Neuron 1991 Jul; 7(1):129.