

**MAP2 Antibody (clone MT-07)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS11987**

**Specification**

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**MAP2 Antibody (clone MT-07) - Product Information**

Application	IHC
Primary Accession	<a href="#">P11137</a>
Reactivity	Human, Mouse, Pig, Bovine
Host	Mouse
Clonality	Monoclonal
Calculated MW	200kDa KDa

**MAP2 Antibody (clone MT-07) - Additional Information**

**Gene ID** 4133

**Other Names**

Microtubule-associated protein 2, MAP-2, MAP2

**Target/Specificity**

Microtubule protein (bovine brain) enriched for kinesin

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

MAP2 Antibody (clone MT-07) is for research use only and not for use in diagnostic or therapeutic procedures.

**MAP2 Antibody (clone MT-07) - Protein Information**

**Name** MAP2

**Function**

The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also seem to have a stiffening effect on microtubules.

**Cellular Location**

Cytoplasm, cytoskeleton. Cell projection, dendrite {ECO:0000250|UniProtKB:P20357}

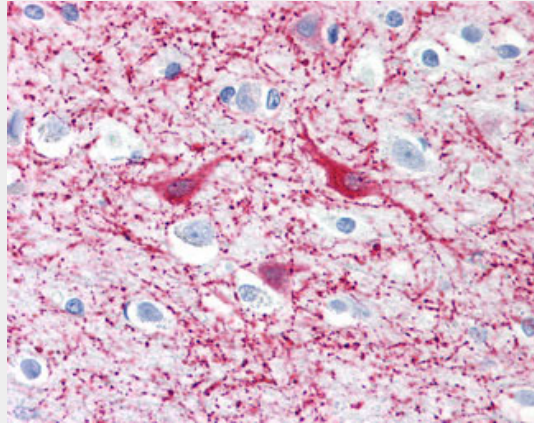
**MAP2 Antibody (clone MT-07) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **MAP2 Antibody (clone MT-07) - Images**



Anti-MAP2 antibody IHC of human brain, cortex.

#### **MAP2 Antibody (clone MT-07) - Background**

The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also seem to have a stiffening effect on microtubules.

#### **MAP2 Antibody (clone MT-07) - References**

Price R., et al. Submitted (SEP-1993) to the EMBL/GenBank/DDBJ databases.  
Albala J.S., et al. Gene 136:377-378(1993).  
Hillier L.W., et al. Nature 434:724-731(2005).  
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Dammerman M., et al. J. Neurosci. Res. 24:487-495(1989).