10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MAP2 Antibody (clone MT-08)

Mouse Monoclonal Antibody
Catalog # ALS11988

Specification

MAP2 Antibody (clone MT-08) - Product Information

Application	**IHC**
Primary Accession	P11137
Reactivity	**Human, Mouse, Pig, Bovine**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**200kDa KDa**

MAP2 Antibody (clone MT-08) - Additional Information

Gene ID 4133

Other Names
Microtubule-associated protein 2, MAP-2, MAP2

Target/Specificity
The antibody MT-08 recognizes an epitope (aa 1375-1395) located in central domain of molecule Microtubule Associated Protein 2ab (MAP2ab).

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

Precautions
MAP2 Antibody (clone MT-08) is for research use only and not for use in diagnostic or therapeutic procedures.

MAP2 Antibody (clone MT-08) - 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}

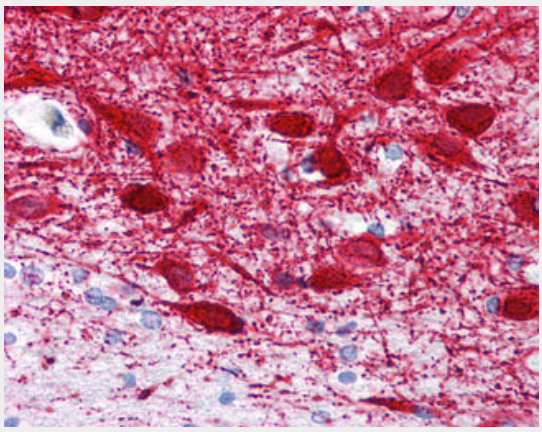
MAP2 Antibody (clone MT-08) - Protocols

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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MAP2 Antibody (clone MT-08) - Images



Anti-MAP2 antibody IHC of human brain, cortex.

MAP2 Antibody (clone MT-08) - 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-08) - 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).