10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

MAP2 Antibody (clone 5F9)

Mouse Monoclonal Antibody

Catalog # ALS12824

Specification

MAP2 Antibody (clone 5F9) - Product Information

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

MAP2 Antibody (clone 5F9) - Additional Information

Gene ID 4133

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

Target/Specificity
Recognizes rat MAP2 at ~300kD. Species cross-reactivity: Human, rabbit and mouse.

Reconstitution & Storage
Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.

Precautions
MAP2 Antibody (clone 5F9) is for research use only and not for use in diagnostic or therapeutic procedures.

MAP2 Antibody (clone 5F9) - 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}

Volume
50 µl

MAP2 Antibody (clone 5F9) - Protocols

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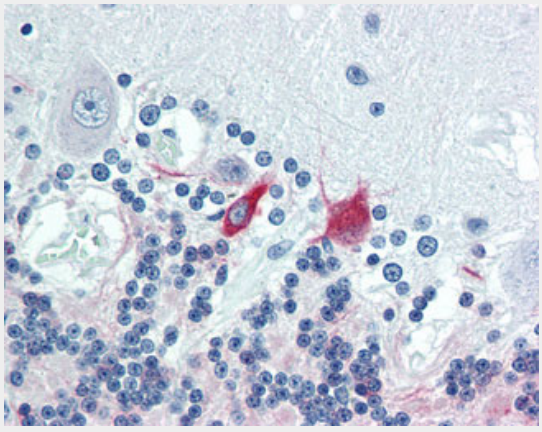
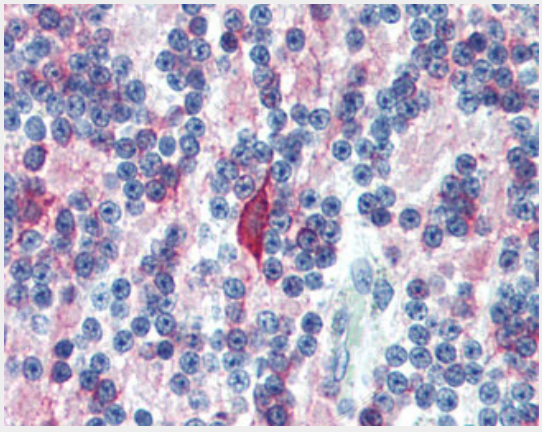
Provided below are standard protocols that you may find useful for product applications.

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

MAP2 Antibody (clone 5F9) - Images



Anti-MAP2 antibody IHC of human brain, cerebellum.



Anti-MAP2 antibody IHC of human brain, cerebellum.

MAP2 Antibody (clone 5F9) - Background

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MAP2 Antibody (clone 5F9) - 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).
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Dammerman M.,et al.J. Neurosci. Res. 24:487-495(1989).

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