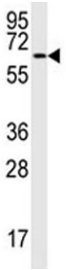
MAP2 Antibody [clone 159CT34.12.3.4] (F53515)

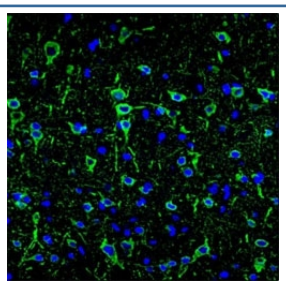
Catalog No.	Formulation	Size
F53515-0.1ML	In ascites with 0.09% sodium azide	0.1 ml

Bulk quote request

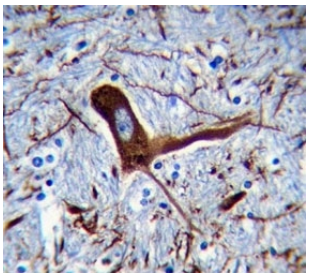
Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, k
Clone Name	159CT34.12.3.4
Purity	Ascites
UniProt	P11137
Applications	Western Blot : 1:1000 Immunofluorescence : 1:10-1:50 IHC (Paraffin) : 1:10-1:50
Limitations	This MAP2 antibody is available for research use only.



MAP2 antibody western blot analysis in MCF-7 lysate. Ab used at 1:1000 dilution. MAP2 can be observed at ~280 kDa (isoforms A & B) and ~70 kDa (isoform C).



Confocal immunofluorescent analysis of MAP2 antibody with brain tissue followed by Alexa Fluor 488-conjugated goat anti-mouse IgG (green). DAPI was used as a nuclear counterstain (blue).



MAP2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue.

Description

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. [UniProt]

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the MAP2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This MAP2 antibody was raised using purified His-tagged recombinant human MAP2.

Storage

Aliquot the MAP2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.