Datasheet for ABIN659033

anti-MAP2 antibody

4 Images | 1 Publication

Go to Product page

Overview

Quantity:	0.1 mL
Target:	MAP2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MAP2 Monoclonal antibody was raised using purified His-tagged recombinant human MAP2.
Clone:	159CT34-12-3-4
Isotype:	IgG1 kappa
Purification:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

Target Details

Target:	MAP2
Alternative Name:	MAP2 (MAP2 Products)
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.
Molecular Weight:	199526

Target Details

Gene ID:	4133
NCBI Accession:	NP_001034627, NP_002365, NP_114033, NP_114035
UniProt:	P11137

Application Details

Application Notes:	IF: 1:10~50. IHC: 1:500. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

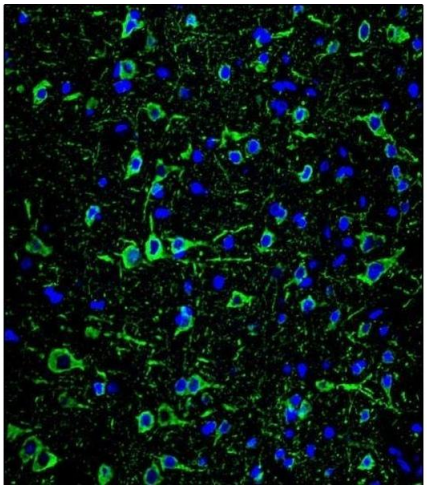
Format:	Liquid
Buffer:	Mouse monoclonal antibody supplied in crude ascites with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	Fallini, Bassell, Rossoll: "High-efficiency transfection of cultured primary motor neurons to study protein localization, trafficking, and function." in: **Molecular neurodegeneration**, Vol. 5, pp. 17, (2010) (PubMed).

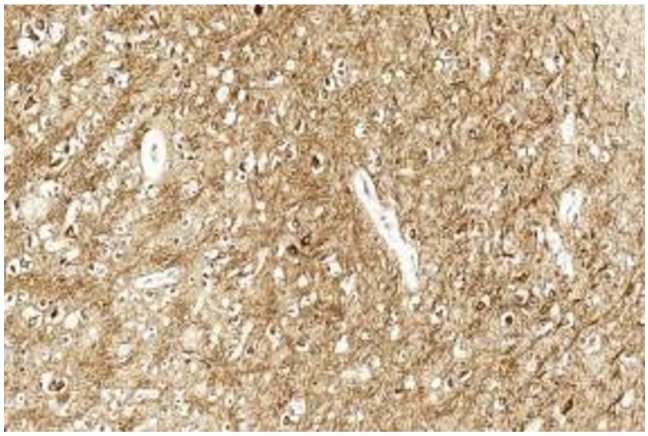
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. P2 Antibody (Ascites) ABIN659033 immunohistochemistry analysis in forlin fixed and paraffin embedded hun brain tissue followed by peroxidase conjµ gation of the secondary antibody and DAB staining.This data demonstrates the use of P2 Antibody (Ascites) for immunohistochemistry. Clinical relevance has not been evaluated.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of P2 Antibody ABIN659033 with brain tissue followed by Alexa Fluor® 488-conjugated goat anti-mouse IgG (green). DI was used to stain the cell nuclear (blue).



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded Human brain section using Pink1 ABIN659033. ABIN659033 was diluted at 1:500 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

Please check the product details page for more images. Overall 4 images are available for ABIN659033.