

Anti-Microtubule Associated Protein 2 C/D (MAP2C/D) Antibody

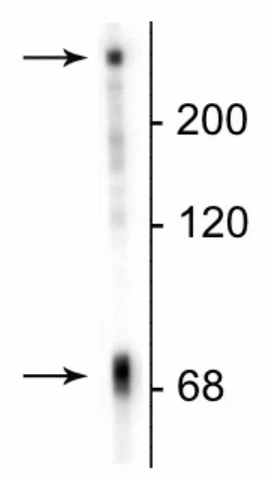


Product Details

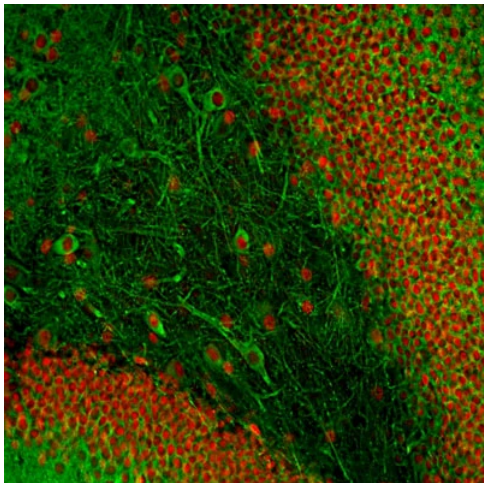
Available Variants	100 µL (SKU:1101-MAP2C) 25 µL (SKU:1101-MAP2Ct)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	2C4
Gene Name	MAP2
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 50% glycerol and 5 mM NaN ₃
Production Notes	Protein G purified culture supernatant
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:5000 WB Brain: 1:5000 IHC: 1:2500-1:10,000 ICC: 1:2500-1:10,000
Species Reactivity	Bovine, Human, Mouse, Rat
Immunogen	Full length recombinant human MAP2D protein.
Specificity	Specific for endogenous levels of the ~70 kDa MAP2C/D isoforms as well as the ~280 kDa MAP2A/B. The antibody will bind all known MAP2 isoforms.
Molecular Weight	70 kDa
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Antibody Registry ID	AB_2571638
UniProt ID	P11137
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	4133

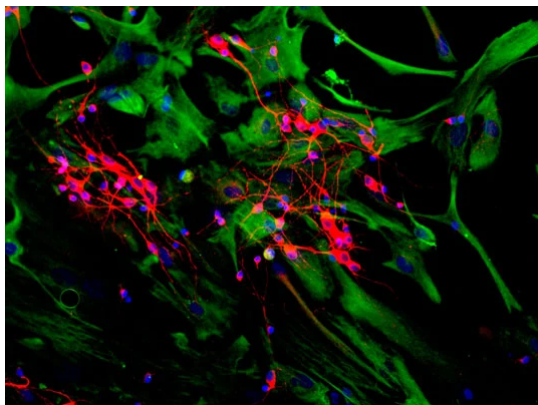
Product Images



Western blot of neonatal rat brain lysate showing specific immunolabeling of the ~70 kDa MAP2C/D proteins and the ~280 kDa MAP2A/B proteins.



Immunofluorescence of a section of adult rat hippocampus section stained with Anti-MAP2C (Cat. 1101-MAP2C, green, 1:5,000) and an anti-FOX2 antibody (red). Following transcardial perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45µM, and free-floating sections were stained with above antibodies. The anti-MAP2C labels all MAP2 protein isotypes expressed in neuronal perikarya and dendrites.



Immunostaining of mixed neuron and glial cultures showing specific cytoplasmic labeling of dendrites and perikarya of neuronal cells with anti-microtubule associated protein 2C/D (Cat. 1101-MAP2C, red, 1:2500) and specific fibroblast, astrocyte labeling with anti-vimentin (Cat. 2105-VIM, green, 1:500). The blue stain is DAPI to identify nuclei.

Product Page URL: www.antibodiesinc.com/products/anti-microtubule-associated-protein-2-c-d-map2c-d-antibody-1101-map2c



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