

Anti-Microtubule Associated Protein 2 (MAP2) Antibody

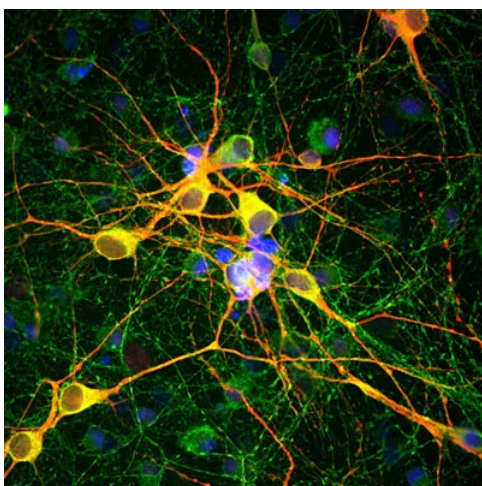


Product Details

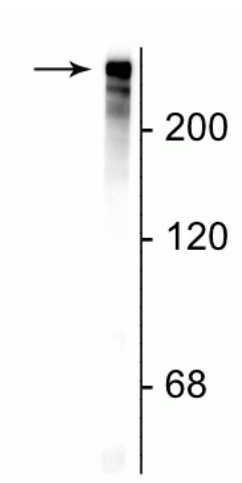
Available Variants	100 µL (SKU:1100-MAP2) 25 µL (SKU:1100-MAP2t)
Conjugate	Unconjugated
Isotype	IgY
Gene Name	MAP2
Host Species	Chicken
Format	Total IgY fraction
Physical State	Liquid
Buffer	PBS + 10 mM NaN ₃ .
Production Notes	Total IgY fraction
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:20000 IHC: 1:2500-1:10,000 ICC: 1:1000-1:20,000
Species Reactivity	Bovine, Human, Mouse, Rat
Immunogen	Recombinant bovine MAP2 protein expressed in and purified from E. Coli.
Specificity	Specific for endogenous levels of the ~280 kDa MAP2 protein.
Molecular Weight	280 kDa
Quality Control	Western blots performed on each lot.
Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 µL/vial depending on usage) upon arrival and stored long term at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.

Antibody Registry ID	AB_2492141
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

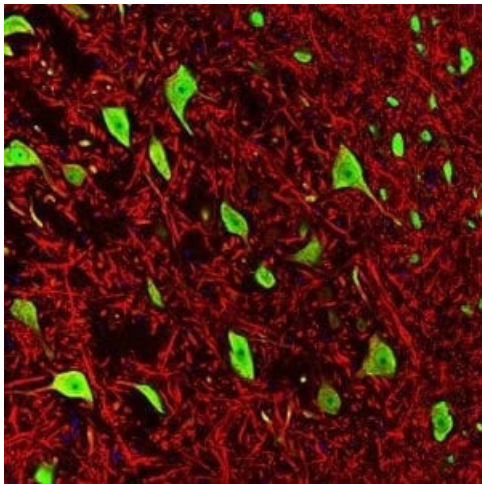
Product Images



Immunofluorescence of cortical neuron-glia cell culture from E20 rat labeled with Anti- MAP2 (Cat. 1100-MAP2, red, 1:10,000), and Anti-Tau (green). The blue is DAPI staining of nuclear DNA. The anti-MAP2 antibody stains dendrites and perikarya of neurons, while the anti-TAU antibody labels neuronal perikarya, dendrites and also axonal process. As a result perikarya and dendrites appears orange-yellow, since they contain both MAP2 and tau, while axons are green.



Western blot of rat cortical lysate showing specific immunolabeling of the ~280 kDa MAP2 protein.



Immunofluorescence of a section of rat brain stem showing colabeled with Anti-MAP2 (Cat. 1100-MAP2, red, 1:5000) and Anti-FOX3 (Cat. 583-FOX3, green, 1:1000). The Anti-FOX3 specifically labels the nuclei and the proximal cytoplasm of neuronal cells while the Anti-MAP2 labels dendrites and overlaps with FOX3 labeling the perikarya of neurons. The blue is DAPI staining of nuclear DNA.

Product Page URL: www.antibodiesinc.com/products/anti-microtubule-associated-protein-2-map2-antibody-1100-map2



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