

Anti-MAP2 antibody (Full Length) [2C4] (STJA0003677)

STJA0003677

GENERAL INFORMATION

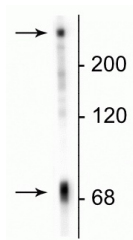
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-MAP2C/D (Full Length) is suitable for use in Western Blot, Immunohistochemistry and Immunocytochemistry research applications.
Applications	WB/IHC/ICC
Host/Source	Mouse
Reactivity	Bovine/Human/Mouse/Rat

PRODUCT PROPERTIES

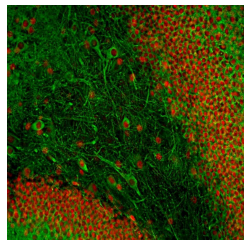
Clonality	Monoclonal
Clone ID	2C4
Concentration	
Conjugation	Unconjugated
Purification	This antibody was protein g purified culture from supernatant.
Dilution Range	WB 1:5000 IHC 1:2500-1:10, 000 ICC 1:2500-1:10, 000
Formulation	100 ul in PBS + 50% Glycerol and 5 mM Sodium Azide
Isotype	IgG2a
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

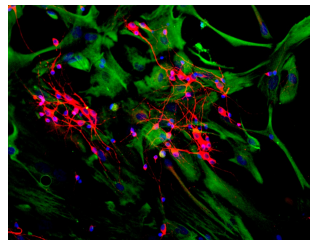
Gene ID	4133
Gene Symbol	MAP2
Uniprot ID	MTAP2_HUMAN
Immunogen	Full length recombinant human MAP2D protein.
Immunogen Region	Full Length
Specificity	
Immunogen Sequence	



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 (STJA0003677, 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 45 Mu M, 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 (STJA0003677, red, 1:2500) and specific fibroblast, astrocyte labeling with anti-vimentin (STJA0003823, green, 1:500). The blue stain is DAPI to identify nuclei.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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