

Anti-Pan-Neurofascin (Extracellular) Antibody FL490 Conjugate

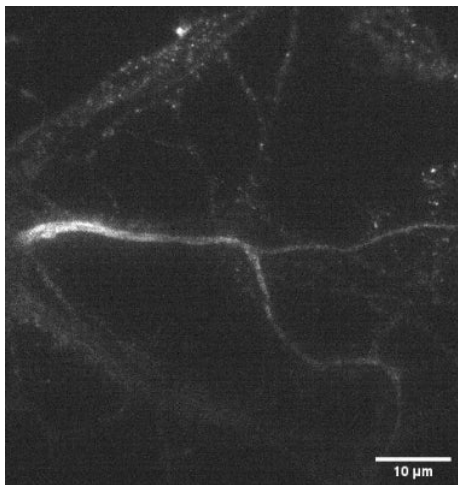


Product Details

Available Variants	200 µL (SKU:75-172-FL490)
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2a
Clone	A12/18
Gene Name	Nfasc
Host Species	Mouse
Concentration	Lot dependent: provided at 0.3-0.5 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	PBS with 0.09% azide
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Applications	ICC, IHC
Species Reactivity	Human, Non-Human Primate, Rat
Immunogen	Lipid raft fractions isolated from adult rat brain. Target identified as Neurofascin (accession number P97685) by: -binding to NF-186-transfected COS cells- recognition of NF155 and NF186 but not other highly related L1 CAMs like NrCAM- immunoprecipitation of NF155 and NF186 and confirmation by mass spectrometry - loss of immunostaining against NF186-shRNA knockdown samples Rat: amino acids 25-1110 (extracellular domain common to NF155 and NF186);
Specificity	No cross-reactivity reported

Molecular Weight	155, 186 kDa
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2939632
UniProt ID	<u>P97685</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	12 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



Axon initial segment (AIS) label of rat hippocampal neurons using Anti-Pan-Neurofascin (Extracellular) Antibody FL490 Conjugate (Cat. 75-172-FL490, 1:250) in live at DIV6. Image kindly provided by Xuesi Zhou, Interdisciplinary Institute for Neuroscience, France.

Product Page URL: www.antibodiesinc.com/products/anti-pan-neurofascin-extracellular-antibody-a12-18-75-172-fl490

