

Product Datasheet

Anti-Pan-Neurofascin Antibody FL594 Conjugate



Overview

Catalog #	75-027-FL594
Conjugate	FL594 Ex: 594 nm, Em: 615 nm
Isotype	IgG1
Clone Number	L11A/41
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Human and Rat
Immunogen	Fusion protein 1066-1174 (intracellular domain common to NF-155 and NF-186) of rat NF-155 (accession number AAL27854) produced recombinantly in E. Coli
Molecular Weight	155, 186 kDa (plus additional bands on immunoblot)
Cite this Antibody	Antibodies Inc Cat# 75-027-FL594, RRID: AB_2939166

Details

Target Description	Neurofascin is encoded by the gene NFASC. Two major isoforms of NeuroFascin are expressed as a result of alternative splicing, NF186 and NF155. These proteins are expressed in the central nervous system. In brain, NF186 is expressed at Nodes of Ranvier and NF155 is expressed in unmyelinated axons. Neurofascin plays a role in cell adhesion and is thought to be involved in processes such as neurite extension, synaptogenesis and myelination. Diseases associated with this gene include Demyelinating Polyneuropathy.
Specificity	No cross-reactivity reported
Purification Method	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.
Quality Control Tests	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.

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