

Anti-Neurofascin Antibody-PE (9U713)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	PE
Clone:	9U713
Purification:	Protein A

Applications

Verified Activity:	Flow cytometric analysis of Human NFASC expression on SH-SY5Y cells. Cells were stained with PE-conjugated anti-Human NFASC. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.
Application:	FCM
Recommended	10 µl/Test, 0.1 mg/ml

Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human NFASC / Neurofascin protein (TMPY-03797)
Antigen Species:	Human
Synonyms:	neurofascin;NRCAML;NF

Research Background

NFASC (Neurofascin, also known as NRCAML, NEDCPMD, and NF) is a Protein Coding gene. 13 alternatively spliced human isoforms have been reported. NFASC belongs to the immunoglobulin superfamily, L1/neurofascin/NgCAM family. It contains 5 fibronectin type-III domains and 6 Ig-like C2-type (immunoglobulin-like) domains. The protein functions in neurite outgrowth, neurite fasciculation, and organization of the axon initial segment (AIS) and nodes of Ranvier on axons during early development. NFASC links the AIS extracellular matrix to the intracellular cytoskeleton. It is broadly expressed in the brain, kidney, and other tissues. Diseases associated with NFASC include Neurodevelopmental Disorder With Central And Peripheral Motor Dysfunction and Demyelinating Polyneuropathy.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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