Human NF-H Alexa Fluor® 647-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 321721

Catalog Number: FAB3108R

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human NF-H in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human (rh) NF-L or rhNF-M is observed.
Source	Monoclonal Mouse IgG_1 Clone # 321721
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human NF-H Met1-Ala380 Accession # P12036
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

The human Neurofilament Heavy chain, also known as NF-H and NEFH, is a phosphorylated cytoskeletal intermediate filament protein that is expressed in neurons. Neurofilaments are trimers that always contain the 68 kDa NF-L and variably contain 125 kDa NF-M and 200 kDa NF-H. In the region used for immunization, mouse and rat NF-H are each 93% identical to human NF-H.

PRODUCT SPECIFIC NOTICES

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