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12-9366B: Biotinylated Anti-NEFL(9-88) antibody(DM198); Rabbit mAb

Clonality :	Monoclonal
Clone Name :	DM198
Application :	ELISA
Reactivity :	Human
Gene :	NEFL
Uniprot ID :	P07196
Alternative Name :	CMT1F; CMT2E; CMTDIG; NF-L; NF68; NFL; PPP1R110
Isotype :	IgG

Description

Neurofilaments are type IV intermediate filament heteropolymers composed of light; medium; and heavy chains. Neurofilaments comprise the axoskeleton and they functionally maintain the neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene encodes the light chain neurofilament protein. Mutations in this gene cause Charcot-Marie-Tooth disease types 1F (CMT1F) and 2E (CMT2E); disorders of the peripheral nervous system that are characterized by distinct neuropathies. A pseudogene has been identified on chromosome Y.

Product Info

Amount :	10 µg / 100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Application Note

ELISA 1:5000-10000

For Research Use Only. Not for use in diagnostic/therapeutics procedures.