

**12-9533B: Biotinylated Anti-NEFL(89-400) antibody(6C10), Rabbit mAb**

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	6C10
<b>Application :</b>	ELISA
<b>Reactivity :</b>	Human
<b>Gene :</b>	NEFL
<b>Uniprot ID :</b>	P07196
<b>Alternative Name :</b>	CMT1F; CMT2E; CMTDIG; NF-L; NF68; NFL; PPP1R110
<b>Isotype :</b>	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**

<b>Amount :</b>	10 µg / 100 µg
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography
<b>Content :</b>	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.
<b>Storage condition :</b>	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