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

Clonality: Monoclonal

Clone Name : 6C10
Application : ELISA
Reactivity : Human
Uniprot ID : P07196

Alternative Name: CMT1F; CMT2E; CMTDIG; NF-L; NF68; NFL; PPP1R110

**Isotype:** Rabbit IgG

## **Description**

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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 :**  $10 \mu g / 100 \mu g$ 

**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.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended

**Storage condition:** 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**

FLISA 1:5000-10000

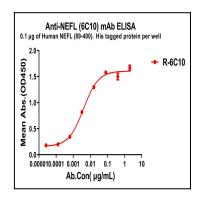


Figure 1. ELISA plate pre-coated by 1  $\frac{1}{4}$ g/ml (100  $\frac{1}{4}$ l/well) Human NEFL(89-400) protein, His tagged protein can bind Rabbit anti-NEFL(89-400) monoclonal antibody(clone: 6C10) in a linear range of 1-100 ng/ml.