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# 12-9530: Anti-NEFL(9-88) antibody(7D10), Rabbit mAb

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|---|---|
| **Clonality :** | Monoclonal |
| **Clone Name :** | 7D10 |
| **Application :** | ELISA |
| **Reactivity :** | Human |
| **Uniprot ID :** | P07196 |
| **Alternative Name :** | CMT1F; CMT2E; CMTDIG; NF-L; NF68; NFL; PPP1R110 |
| **Isotype :** | Rabbit IgG |

## Description

Description :Anti-NEFL(9-88) antibody(7D10), Rabbit mAb
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

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| **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

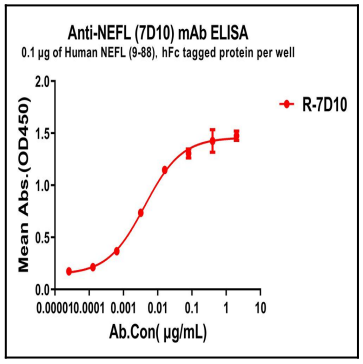


Figure 1. ELISA plate pre-coated by 1 Î¼g/ml (100 Î¼l/well) Human NEFL(9-88) protein, hFc tagged protein can bind Rabbit anti-NEFL(9-88) monoclonal antibody(clone: 7D10) in a linear range of 1-100 ng/ml.

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