

PRODUCT INFORMATION

Clone ID 7D8 **NEFL Target**

CMT1F; CMT2E; CMTDIG; NF-L; NF68; NFL; **Synonyms**

PPP1R110

Host Species Rabbit

Description Anti-NEFL(9-88) antibody(7D8), Rabbit mAb

Delivery In Stock **Uniprot ID** P07196 Rabbit IgG IgG type Clonality Monoclonal Reactivity Human **Applications ELISA**

Recommended

Storage & Shipping

Background

ELISA 1:5000-10000 **Dilutions**

Purified from cell culture supernatant by affinity **Purification**

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution.

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

témperature.

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.

Usage Research use only Conjugate Unconjugated

All DIMA recombinant antibodies are genuinely

generated by DIMA Biotech. They are all under patent application. Any protein sequencing or **DIMA Disclaimer** reverse engineering attempt is prohibited. We are

actively scrutinizing all patent application to

ensure no IP infringement.



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Anti-NEFL (7D8) mAb ELISA

0.1 μg of Human NEFL (9-88), hFc tagged protein per well

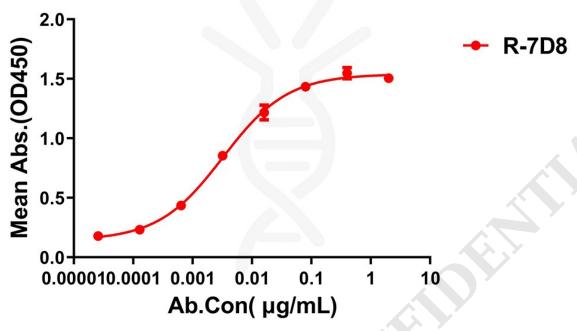


Figure 1. ELISA plate pre-coated by 1 μ g/ml (100 μ l/well) Human NEFL(9-88) protein, hFc tagged protein (PME100654) can bind Rabbit anti-NEFL(9-88) monoclonal antibody(clone: 7D8) in a linear range of 1-100 ng/ml.

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