

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

12-9531: Anti-NEFL(9-88) antibody(7D8), Rabbit mAb

Clonality: Monoclonal

Clone Name: 7D8
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

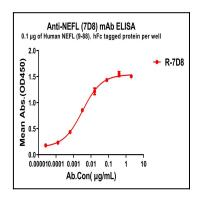


Figure 1. ELISA plate pre-coated by 1 $\frac{1}{4}$ g/ml (100 $\frac{1}{4}$ l/well) Human NEFL(9-88) protein, hFc tagged protein can bind Rabbit anti-NEFL(9-88) monoclonal antibody(clone: 7D8) in a linear range of 1-100 ng/ml.