

PRODUCT INFORMATION

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| Clone ID | 7D5 |
| Target | NEFL |
| Synonyms | CMT1F; CMT2E; CMTDIG; NF-L; NF68; NFL; PPP1R110 |
| Host Species | Rabbit |
| Description | Anti-NEFL(9-88) antibody(7D5), Rabbit mAb |
| Delivery | In Stock |
| Uniprot ID | P07196 |
| IgG type | Rabbit IgG |
| Clonality | Monoclonal |
| Reactivity | Human |
| Applications | ELISA |
| Recommended Dilutions | ELISA 1:5000-10000 |
| Purification | Purified from cell culture supernatant by affinity chromatography |
| Formulation & Reconstitution | 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 & Shipping | 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. |
| Background | 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 |



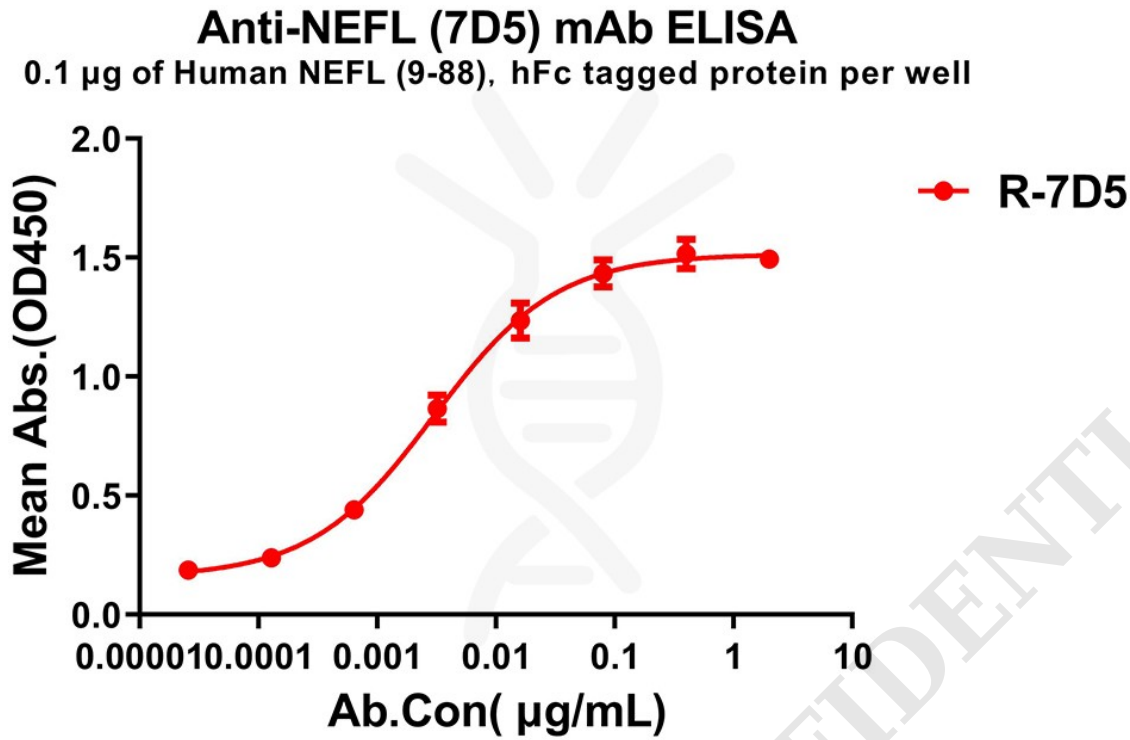


Figure 1. ELISA plate pre-coated by 1 μ g/ml (100 μ l/well) Human NEFL(9-88) protein, hFc tagged protein (PME100654) can bind Rabbit anti-NEFL(9-88) monoclonal antibody(clone: 7D5) in a linear range of 1-100 ng/ml.

