

**PRODUCT INFORMATION**

<b>Clone ID</b>	7D10
<b>Target</b>	NEFL
<b>Synonyms</b>	CMT1F; CMT2E; CMTDIG; NF-L; NF68; NFL; PPP1R110
<b>Host Species</b>	Rabbit
<b>Description</b>	PE-conjugated Anti-NEFL(9-88) antibody(7D10), Rabbit mAb
<b>Delivery</b>	3-4 weeks
<b>Uniprot ID</b>	P07196
<b>IgG type</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1:100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	Liquid□PBS with 0.05% Proclin300, 1% BSA
<b>Storage &amp; Shipping</b>	Store at 2°C-8°C for 6 months
<b>Background</b>	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.
<b>Usage</b>	Research use only
<b>Conjugate</b>	PE-conjugated

