

Recombinant

DGRmAb®

## 70 kD Neurofilament Light (DGR13462) Rabbit mAb

db15566

Package : 10µL 20µL 50µL 100µL

**Product Name :** 70 kD Neurofilament Light (DGR13462) Rabbit mAb**Cat.No.:** db15566**Synonyms :** NFL; NF-L; NF68; CMT1F; CMT2E; PPP1R110**Application :** WB, IP**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**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. [provided by RefSeq, Oct 2008]

**Immunogen**

A synthetic peptide of human 70 kD Neurofilament Light

**Gene ID**

4747

**Swiss Prot**

P07196

**Synonyms**

NFL; NF-L; NF68; CMT1F; CMT2E; PPP1R110

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IP

**Recommended dilution**

WB: 1:1000-1:5000

IP: 1:100

**Calculated MW**

62 kDa

**Observed MW**

70 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR13462

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.