

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

| | |
|--------------------------|---|
| Purity | Affinity Purification |
| Conjugation | Un-conjugated |
| Storage Stability | 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. |