

Recombinant

DGRmAb®

**68kDa Neurofilament (DGR16339) Rabbit mAb**

db14746

Package : 10µL 20µL 50µL 100µL

**Product Name** : 68kDa Neurofilament (DGR16339) Rabbit mAb**Cat.No.:** db14746**Synonyms** : NFL; NF-L; NF68; CMT1F; CMT2E; PPP1R110**Application** : WB, IHC-P, ICC/IF, 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**

Recombinant protein of mouse 68kDa Neurofilament

**Gene ID**

4747,18039,83613

**Swiss Prot**

P08551,P08551,P19527

**Synonyms**

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

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, IP

**Recommended dilution**WB: 1:1000  
IHC-P: 1:500-1:2000  
ICC/IF: 1:50  
IP: 1:20-1:50**Calculated MW**

62 kDa

**Observed MW**

68 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR16339

<b>Isotype</b>	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.

Western blot analysis of extracts from Mouse brain tissue using db14746 at 1:1000.

