

Recombinant

DGRmAb®

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

db14746-PBS

Package : 10µg 100µg

**Product Name** : 68kDa Neurofilament (DGR16339) Rabbit mAb (PBS Only)

**Cat.No.:** db14746-PBS

**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

**Calculated MW**

62 kDa

**Observed MW**

68 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR16339

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.

Western blot analysis of extracts from Mouse brain tissue using [db14746](#) at 1:1000.

