

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

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