Product Data Sheet
68kDa Neurofilament Rabbit Monoclonal Antibody

Product name:	68kDa Neurofilament Rabbit Monoclonal Antibody
Cat number:	MABN86922
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant protein of mouse 68kDa Neurofilament
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:500-1:2000,ICC/IF 1:20-1:50,IP 1:20-1:50
Molecular Weight:	Calculated MW:62 kDa; Observed MW:68 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	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.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Synonyms:	NFL; NF-L; NF68; CMT1F; CMT2E; PPP1R110
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]