
Product Name: Neurofilament(NF-L) Mouse Monoclonal Antibody**Catalog #: AMM22139**

For research use only.

Summary

Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Purification	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

Application

Dilution Ratio	IHC 1:200-400;ELISA 1:500-5000
Molecular Weight	Calculated MW:68kDa,Observed MW:68kDa

Antigen Information

Gene Name	NEFL NF68 NFL
Alternative Names	Neurofilament light polypeptide;NF-L;68 kDa neurofilament protein;Neurofilament triplet L protein;
Gene ID	Human:4747
SwissProt ID	Human:P07196
Immunogen	Synthesized peptide derived from human Neurofilament AA range: 400-543

Background

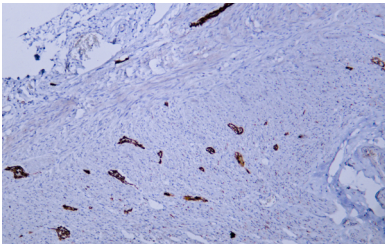
Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and they functionally maintain the neuronal caliber. They may also play a role in

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],

Research Area

Pathology

Image Data



Human appendix tissue was stained with Anti-Neurofilament Antibody