IHCAb™ Neurofilament mouse mAb (BGT208)

Cat #: B-IMW6895

Size: 100 µL

Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.

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.

Product Information

Applications/Dilution: IHC-p 1:100-500, IF 1:100-500

Isotype/Source: Mouse, Monoclonal/IgG2b, Kappa

Specificity: The antibody can specifically recognize human Neurofilament protein, especilaly NF-L protein

Subcellular Location: Cell projection, axon . Cytoplasm, cytoskeleton

Expression: Cytoplasmic

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.56% sodium azide

Storage: Store at -15°C to -25°C

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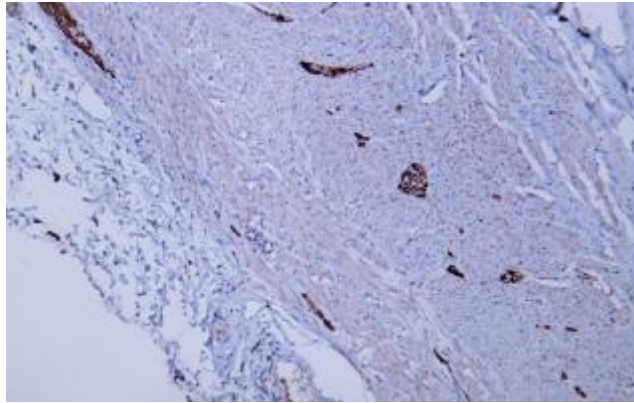
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Fig.1. Human appendix tissue was stained with Anti-Neurofilament Antibody. Secondary Antibody was Biogradetech POLY™ Polymer HRP Goat Anti-Rabbit/Mouse IgG(H+L) Secondary Antibody (B-IMWRS11).
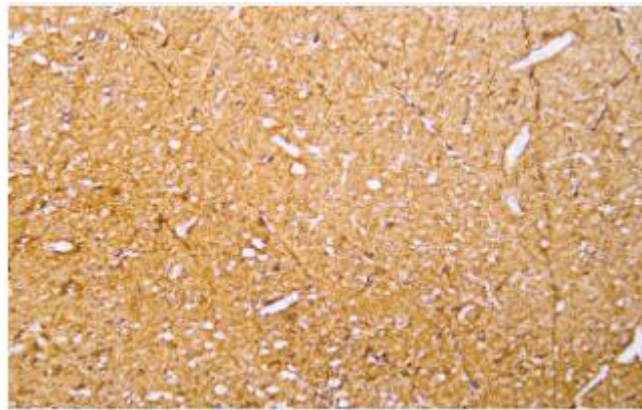

Fig.2. Human cerebrum tissue was stained with Anti-Neurofilament Antibody. Secondary Antibody was Biogradetech POLY™ Polymer HRP Goat Anti-Rabbit/Mouse IgG(H+L) Secondary Antibody (B-IMWRS11).

Note:

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.