
NF-M Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253179

Unit: 0.1 ml

Description:

Neurofilaments are the 10nm or intermediate filament proteins found specifically in neurons, and are composed predominantly of three major proteins called NF-L, NF-M and NF-H. NF-M is the neurofilament middle or medium molecular weight polypeptide and runs on SDS-PAGE gels at 145-160 kDa, with some variability across species boundaries. Antibodies to NF-M are useful for identifying neuronal cells and their processes in tissue sections and in tissue culture. NF-M antibodies can also be useful to visualize neurofilament accumulations seen in many neurological diseases, such as Amyotrophic Lateral Sclerosis (Lou Gehrig's disease) and Alzheimer's disease.

Isotype: Mouse IgG1

Applications: E, WB, IF

Species Reactivity: Ck, H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of HEPES (pH7.5), 0.01% BSA, 50% glycerol with 0.065% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Neurofilament medium polypeptide; NF-M; 160 kDa neurofilament protein; Neurofilament 3; Neurofilament triplet M protein

Accession No.: P12839

Antigen: Recombinant fusion protein containing the C-term region of rat NF-M expressed in E. coli.

Application Notes: E: 1:500-1:1,000; WB: 1:1,000; IF: 1:100

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.