

Neurofilament H

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Cat.No. 171 111; Monoclonal mouse antibody, 100 µg purified IgG (lyophilized)

Data Sheet

Reconstitution/ Storage	100 μg purified IgG, lyophilized. Azide was added before lyophilization. For reconstitution add 100 μl H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	WB: not recommended IP: not tested yet ICC: 1:500 up to 1:1000 IHC: 1:500 up to 1:1000 IHC-P/FFPE: 1:1000
Clone	3A2D1
Subtype	IgG1 (κ light chain)
Immunogen	Recombinant protein corresponding to AA 998 to 1097 from mouse Neurofilament H (UniProt Id: P19246)
Epitop	Epitop: AA 998 to 1097 from mouse Neurofilament H (UniProt Id: P19246)
Reactivity	Reacts with: mouse (P19246), rat (P16884). Other species not tested yet.
Specificity	specific for Neurofilament H

TO BE USED IN VITRO / FOR RESEARCH ONLY NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Neurofilaments are exclusively expressed in nerve cells and are the major structural component of large-diameter myelinated axons. They are predominatly composed of three proteins, Neurofilament **H**, L and M and are among the most highly phosphorylated neuronal proteins.

Selected General References

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