

## Neurofilament M

Cat.No. 171 221; Monoclonal mouse antibody, 100 µg purified IgG (lyophilized)

### Data Sheet

Reconstitution/ Storage	100 µg purified IgG, lyophilized. For reconstitution add 100 µl H <sub>2</sub> O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	<b>WB:</b> not tested yet <b>IP:</b> not tested yet <b>ICC:</b> 1 : 500 up to 1 : 1000 <b>IHC:</b> 1 : 500 up to 1 : 1000 <b>IHC-P/FFPE:</b> 1 : 2000 (see remarks)
Clone	312A10
Subtype	IgG2b (κ light chain)
Immunogen	Recombinant protein corresponding to AA 763 to 848 from mouse Neurofilament M (UniProt Id: P08553)
Reactivity	Reacts with: mouse (P08553). No signal: rat (P12839). Other species not tested yet.
Specificity	Specific for Neurofilament M.
Remarks	<b>IHC-P:</b> This antibody is highly recommended for IHC-P.

**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 predominately 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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