

**CATALOGUE #:** 4NF3

**PRODUCT NAME:** Monoclonal anti-neurofilament light (NfL), human

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|------------------------------|---|
| <b>MAbs:</b>                 | <b>NF31, NF71</b><br>Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.<br><b>NF79</b><br>Rat monoclonal antibody produced in bioreactor. Heterohybridoma clone cell line derived from hybridization of Sp2/0 myeloma cells and spleen cells of rat.<br><b>NF36</b><br>Recombinant monoclonal antibody expressed in a mammalian cell line. Full-size IgG sequence derived from rabbit B cells. |
| <b>Immunogen:</b>            | Recombinant human NfL   |
| <b>Specificity:</b>          | Human NfL, cross-reacts with bovine NfL   |
| <b>MAb isotypes:</b>         | <b>IgG</b> for NF36<br><b>IgG2b</b> for NF31, NF71, NF79  |
| <b>Applications:</b>         | Recommended pairs in sandwich immunoassays (capture – detection):<br>NF79 – NF71<br>NF36 – NF71<br>NF79 – NF36<br>NF36 – NF31<br>NF71 – NF31  |
| <b>Purification:</b>         | Protein A chromatography  |
| <b>Presentation:</b>         | PBS, pH 7.4, 0.09 % sodium azide (NaN <sub>3</sub> )  |
| <b>Storage:</b>              | +4 °C (+2 ... +8 °C allowed)  |
| <b>Material safety note:</b> | This product is sold <b>for research or further manufacturing use only</b> . Standard Laboratory Practices should be followed when handling this material.<br>Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.   |