

## Antibodies Product Datasheet

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| <b>Product Name:</b>            | Anti-Human Neurofilament (ABT208) Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Catalog Number:</b>          | V0411                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Clone ID:</b>                | ABT208                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Reactivity:</b>              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Applications:</b>            | IHC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Application Dilutions</b>    | IHC 1:100-200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Modification:</b>            | Unmodified/ Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source:</b>                  | Monoclonal Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>UniProt:</b>                 | NEFL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Gene Name:</b>               | P07196                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Other Name:</b>              | 150 kDa medium, 160 kDa neurofilament protein, 2 kDa neurofilament protein, 200 kDa neurofilament protein, 68 kDa neurofilament protein, A1847934, CMT1F, CMT2CC, CMT2E, FLJ53642, KIAA0845, light molecular weight neurofilament protein, Micro glutamic acid-rich protein, mKIAA0845, Nef3, NEFH, NEFL, NEFM, Neurofilament 3, Neurofilament heavy polypeptide 200 kDa, Neurofilament heavy polypeptide, Neurofilament light polypeptide 68 kDa, Neurofilament light polypeptide, Neurofilament medium polypeptide 150 kDa, Neurofilament medium polypeptide, Neurofilament protein heavy polypeptide, Neurofilament protein light chain, Neurofilament protein light polypeptide, Neurofilament protein medium polypeptide, neurofilament subunit NF-L, Neurofilament triplet H protein, Neurofilament triplet L protein, Neurofilament triplet M protein, neurofilament-3 (150 kD medium), NF-H, NF-L, NF-M, NF160, NF165, NF200, NF68, NFH, NFL, NFM, NFM_HUMAN, PPP1R110, protein phosphatase 1, regulatory subunit 110 |
| <b>Isotype</b>                  | IgG2b, Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Localization:</b>            | Brain/ Appendix                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Positive Tissue Control:</b> | Cytoplasmic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Immunogen</b>                | Synthetic peptide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purification</b>             | Immunogen affinity purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Formulation:</b>             | PBS, pH7.4, 50% glycerol, 0.03%Proclin300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Specificity:</b>             | The antibody can specifically recognize human Neurofilament protein, especilaly NF-L protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

V0411 | Anti-Human Neurofilament (ABT208) Mouse Monoclonal Antibody

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Research use only not intended for therapeutic/diagnostic procedures

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**Storage and Stability:** -20°C/1 year