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## Product Datasheet

### **Neurofilament (NF-H)(RT-97), 0.2mg/mL, IgG1, Clone: [RT-97], Mouse, Monoclonal BOT-BNUB0454-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Neurofilament (NF-H)(RT-97), 0.2mg/mL, IgG1, Clone: [RT-97], Mouse, Monoclonal                                                                                                                                                                                |
| Biozol Catalog Number      | BOT-BNUB0454-500                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNUB0454-500                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNUB0454-500-500UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC, WB                                                                                                                                                                                                                                                       |
| Species Reactivity         | Gallus, Human, Mouse, Porcine, Rat                                                                                                                                                                                                                            |
| Immunogen                  | Triton-X 100 insoluble protein fraction of rat brain                                                                                                                                                                                                          |
| Product Description        | This MAb reacts with a 200 kDa protein, identified as heavy sub-unit of neurofilaments (NF-H). Neurofilaments make up the main structural elements of axons and dendrites and are found in neurons, peripheral nerves, and sympathetic ganglion cells. Neu... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [RT-97]                                                                                                                                                                                                                                                       |
| Molecular Weight           | 200 kDa                                                                                                                                                                                                                                                       |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype           | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| UniProt           | <a href="#">P12036</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Buffer            | PBS, 0.05% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Application Notes | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunohistology formalin-fixed 0.25-0.5 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user |