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## Product Datasheet

### **Neurofilament (H+L)(RT-97 + NR-4), CF594 conjugate, 0.1mg/mL, Clone: [RT-97 NR-4], Mouse, Monoclonal BOT-BNC941201-100**

|                            |   |
|----------------------------|---|
| Article Name               | Neurofilament (H+L)(RT-97 + NR-4), CF594 conjugate, 0.1mg/mL, Clone: [RT-97 NR-4], Mouse, Monoclonal  |
| Biozol Catalog Number      | BOT-BNC941201-100   |
| Supplier Catalog Number    | BNC941201-100   |
| Alternative Catalog Number | BOT-BNC941201-100-100UL   |
| Manufacturer               | Biotium   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | FC, IHC   |
| Species Reactivity         | Gallus, Human, Mouse, Porcine, Rat  |
| Immunogen                  | Triton-X 100 insoluble proteins of rat brain (RT-97), Neurofilaments from porcine spinal cord (NR-4)  |
| Conjugation                | CF594   |
| Product Description        | This MAb reacts with a 200 kDa and 68 kDa protein, identified as heavy and light sub-units of neurofilaments (NF-H & NF-L). Neurofilaments make up the main structural elements of axons and dendrites and are found in neurons, peripheral nerves, and sy... |
| Clonality                  | Monoclonal  |
| Concentration              | 0.1 mg/mL   |
| Clone Designation          | [RT-97 NR-4]  |

|                   |   |
|-------------------|---|
| Molecular Weight  | 200 kDa & 68 kDa  |
| UniProt           | <a href="#">P12036</a>  |
| Buffer            | PBS, 0.1% 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 |