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## Product Datasheet

### **Neurofilament (H+L)(NF421 + NFL736), CF405S conjugate, 0.1mg/mL, Clone: [NF421 + NFL/736], Mouse, Monoclonal BOT-BNC040756-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Neurofilament (H+L)(NF421 + NFL736), CF405S conjugate, 0.1mg/mL, Clone: [NF421 + NFL/736], Mouse, Monoclonal                                                                                                                                                  |
| Biozol Catalog Number      | BOT-BNC040756-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC040756-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC040756-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Gallus, Human, Mouse, Porcine, Rat                                                                                                                                                                                                                            |
| Immunogen                  | Recombinant human neurofilament heavy sub-unit (RT-97) & light sub-unit (NR-4)                                                                                                                                                                                |
| Conjugation                | CF405S                                                                                                                                                                                                                                                        |
| 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          | [NF421 + NFL/736]                                                                                                                                                                                                                                             |

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|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 0.5-1 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 Immunofluorescence 1:25-1:50 Optimal dilution for a specific application should be determined by user |