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## Product Datasheet

### **SOX10(SOX10/991 + SOX10/1074), 1mg/mL, Clone: [SOX10/991 SOX10/1074], Mouse, Monoclonal BOT-BNUM1074-50**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | SOX10(SOX10/991 + SOX10/1074), 1mg/mL, Clone: [SOX10/991 SOX10/1074], Mouse, Monoclonal                                                                                                                                                                       |
| Biozol Catalog Number      | BOT-BNUM1074-50                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | BNUM1074-50                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | BOT-BNUM1074-50-50UL                                                                                                                                                                                                                                          |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC, WB                                                                                                                                                                                                                                                       |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant fragment (aa 115-269) of human SOX10 protein with hexa-histidine tag                                                                                                                                                                              |
| Product Description        | Recognizes a protein of ~55 kDa, identified as SOX10. This MAb is highly specific and does not cross-react with other members of the SOX-family. SOX genes comprise a family of genes that are related to the mammalian sex-determining gene SRY. These ge... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 1 mg/mL                                                                                                                                                                                                                                                       |
| Clone Designation          | [SOX10/991 SOX10/1074]                                                                                                                                                                                                                                        |
| Molecular Weight           | 49-58 kDa                                                                                                                                                                                                                                                     |

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|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P56693</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Buffer            | PBS, no BSA, no azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Application Notes | <p>Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 1-2 ug/mL 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 Western blotting 0.5-1.0 ug/mL Optimal dilution for a specific application should be determined by user</p> |