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## Product Datasheet

### **SOX9 / SRY-box 9 (SOX9/2398), CF647 conjugate, 0.1mg/mL, Clone: [SOX9/2398], Mouse, Monoclonal BOT-BNC472398-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | SOX9 / SRY-box 9 (SOX9/2398), CF647 conjugate, 0.1mg/mL, Clone: [SOX9/2398], Mouse, Monoclonal                                                                                                                                                                |
| Biozol Catalog Number      | BOT-BNC472398-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC472398-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC472398-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant human SOX9 protein fragment (around aa 393-508) (exact sequence is proprietary)                                                                                                                                                                   |
| Conjugation                | CF647                                                                                                                                                                                                                                                         |
| Product Description        | Sox genes comprise a family of genes that are related to the mammalian sex-determining gene SRY. These genes similarly contain sequences that encode for the HMG-box domain, which is responsible for the sequence-specific DNA-binding activity. Sox gene... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clone Designation | [SOX9/2398]                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Molecular Weight  | 65 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt           | <a href="#">P48436</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): 1-2 ug/mL for 30 minutes at RT Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user |