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Product Datasheet

SOX2 (Transcription Factor) (SOX2/1792), CF640R conjugate, 0.1mg/mL, Clone: [SOX2/1792], Mouse, Monoclonal BOT-BNC401792-100

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|----------------------------|---|
| Article Name | SOX2 (Transcription Factor) (SOX2/1792), CF640R conjugate, 0.1mg/mL, Clone: [SOX2/1792], Mouse, Monoclonal |
| Biozol Catalog Number | BOT-BNC401792-100 |
| Supplier Catalog Number | BNC401792-100 |
| Alternative Catalog Number | BOT-BNC401792-100-100UL |
| Manufacturer | Biotium |
| Host | Mouse |
| Category | Antikörper |
| Application | IHC, WB |
| Species Reactivity | Human |
| Immunogen | Recombinant human SOX2 protein fragment (aa176-305) (exact sequence is proprietary) |
| Conjugation | CF640R |
| Product Description | SOX2 is a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. At present, 30 Sox genes have been identified. SOX2 is required for stem cell... |
| Clonality | Monoclonal |
| Concentration | 0.1 mg/mL |
| Clone Designation | [SOX2/1792] |

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| Molecular Weight | 34 kDa |
| UniProt | P48431 |
| 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 Immunofluorescence: 1-2 ug/mL ELISA: 2-4 ug/mL for coating order Ab without BSA Immunohistology (formalin): 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 min Flow Cytometry 0.5-1 ug/million cells/0.1 mL Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user |