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## Product Datasheet

### **SOX2 (Transcription Factor) (SOX2/1791), CF640R conjugate, 0.1mg/mL, Clone: [SOX2/1791], Mouse, Monoclonal BOT-BNC401791-100**

Article Name	SOX2 (Transcription Factor) (SOX2/1791), CF640R conjugate, 0.1mg/mL, Clone: [SOX2/1791], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC401791-100
Supplier Catalog Number	BNC401791-100
Alternative Catalog Number	BOT-BNC401791-100-100UL
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	[SOX2/1791]

Molecular Weight	34 kDa
UniProt	<a href="#">P48431</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 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