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## Product Datasheet

### **SOX10(SOX10/991), CF647 conjugate, 0.1mg/mL, Clone: [SOX10/991], Mouse, Monoclonal BOT-BNC470991-500**

Article Name	SOX10(SOX10/991), CF647 conjugate, 0.1mg/mL, Clone: [SOX10/991], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC470991-500
Supplier Catalog Number	BNC470991-500
Alternative Catalog Number	BOT-BNC470991-500-500UL
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
Conjugation	CF647
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	0.1 mg/mL
Clone Designation	[SOX10/991]

Molecular Weight	49-58 kDa
UniProt	<a href="#">P56693</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 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