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## Product Datasheet

### **MiTF (Microphthalmia Transcription Factor)(D5 + MITF/915), CF647 conjugate, 0.1mg/mL, Clone: [D5 MITF/915], Mouse, Monoclonal BOT-BNC470950-500**

Article Name	MiTF (Microphthalmia Transcription Factor)(D5 + MITF/915), CF647 conjugate, 0.1mg/mL, Clone: [D5 MITF/915], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC470950-500
Supplier Catalog Number	BNC470950-500
Alternative Catalog Number	BOT-BNC470950-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	NH2 terminus fragment of human Mi protein (D5), Recombinant human MiTF protein (MITF/915)
Conjugation	CF647
Product Description	MITF (microphthalmia transcription factor) is a basic helix-loop-helix-leucine-zipper (bHLH-Zip) transcription factor that regulates the development and survival of melanocytes and retinal pigment epithelium, and also is involved in transcription of ...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[D5 MITF/915]

Molecular Weight	52-56 kDa (doublet)
UniProt	<a href="#">O75030</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: 0.5-1 ug/mL Does not react with mouse or rat, others not tested Immunohistology (formalin) 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 Optimal dilution for a specific application should be determined by user