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## Product Datasheet

### **Calponin-1 (Smooth Muscle Marker) (rCNN1/832), CF647 conjugate, 0.1mg/mL, Clone: [rCNN1/832], Mouse, Monoclonal BOT-BNC471866-500**

Article Name	Calponin-1 (Smooth Muscle Marker) (rCNN1/832), CF647 conjugate, 0.1mg/mL, Clone: [rCNN1/832], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC471866-500
Supplier Catalog Number	BNC471866-500
Alternative Catalog Number	BOT-BNC471866-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	FC, IHC, WB
Species Reactivity	Human, Rat
Immunogen	Recombinant full-length human CNN1 protein
Conjugation	CF647
Product Description	Calponin is a calmodulin, F-actin and tropomyosin binding protein, which is thought to be involved in the regulation of smooth muscle contraction. Calponin expression is restricted to smooth muscle cells and has been shown to be a marker of the diffe...
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[rCNN1/832]

Molecular Weight	34 kDa
UniProt	<a href="#">P51911</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): 0.5-1 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 1 mM EDTA pH 7.5-8.5 Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user