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## Product Datasheet

### **Calponin-1 (Smooth Muscle Marker) (CNN1/1408R), CF647 conjugate, 0.1mg/mL, Clone: [CNN1/1408R], Rabbit, Monoclonal BOT-BNC471408-100**

Article Name	Calponin-1 (Smooth Muscle Marker) (CNN1/1408R), CF647 conjugate, 0.1mg/mL, Clone: [CNN1/1408R], Rabbit, Monoclonal
Biozol Catalog Number	BOT-BNC471408-100
Supplier Catalog Number	BNC471408-100
Alternative Catalog Number	BOT-BNC471408-100-100UL
Manufacturer	Biotium
Host	Rabbit
Category	Antikörper
Application	FC, IF, IHC
Species Reactivity	Human, Rat
Immunogen	Recombinant human full-length 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	[CNN1/1408R]

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 for 10-20 min followed by cooling at RT for 20 min Flow Cytometry 0.5-1 ug/million cells/0.1 mL Optimal dilution for a specific application should be determined by user