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## Product Datasheet

### **Caldesmon, HMW (h-Caldesmon)(CALD1/820 + h-CALD), CF405S conjugate, 0.1mg/mL, Clone: [CALD1/820 h-CALD], Mouse, Monoclonal BOT-BNC040821-100**

Article Name	Caldesmon, HMW (h-Caldesmon)(CALD1/820 + h-CALD), CF405S conjugate, 0.1mg/mL, Clone: [CALD1/820 h-CALD], Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC040821-100
Supplier Catalog Number	BNC040821-100
Alternative Catalog Number	BOT-BNC040821-100-100UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant full-length human CALD1 protein (CALD1/820), Crude human uterus extract (h-CALD)
Conjugation	CF405S
Product Description	Caldesmon HMW is the high molecular weight variant of Caldesmon. Two closely related variants of human caldesmon have been identified which are different in their electrophoretic mobility and cellular distribution. The h-caldesmon variant (120-150 kD...
Clonality	Monoclonal
Concentration	0.1 mg/mL

Clone Designation	[CALD1/820 h-CALD]
Molecular Weight	150 kDa
UniProt	<a href="#">Q05682</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 0.25-0.5 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, 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