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## Product Datasheet

### **Caldesmon, HMW (h-Caldesmon)(CALD1/820 + h-CALD), CF640R conjugate, 0.1mg/mL, Clone: [CALD1/820 h-CALD], Mouse, Monoclonal BOT-BNC400821-100**

|                            |   |
|----------------------------|---|
| Article Name               | Caldesmon, HMW (h-Caldesmon)(CALD1/820 + h-CALD), CF640R conjugate, 0.1mg/mL, Clone: [CALD1/820 h-CALD], Mouse, Monoclonal  |
| Biozol Catalog Number      | BOT-BNC400821-100   |
| Supplier Catalog Number    | BNC400821-100   |
| Alternative Catalog Number | BOT-BNC400821-100-100UL   |
| 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                | CF640R  |
| 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 |