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## Product Datasheet

### **CAD Antibody / Caldesmon / CALD1 (HMW), Clone: [h-CALD], Mouse, Monoclonal NSJ-V2940SAF-100UG**

Article Name	CAD Antibody / Caldesmon / CALD1 (HMW), Clone: [h-CALD], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V2940SAF-100UG
Supplier Catalog Number	V2940SAF-100UG
Alternative Catalog Number	NSJ-V2940SAF-100UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	FACS, IF, IHC-P, WB
Species Reactivity	Human
Immunogen	Crude human uterus extract was used as the immunogen for the CAD antibody.
Product Description	Caldesmon is an actin- and myosin-binding protein implicated in the regulation of actomyosin interactions in smooth muscle and nonmuscle cells (could act as a bridge between myosin and actin filaments). Stimulates actin binding of tropomyosin which i...
Clonality	Monoclonal
Clone Designation	[h-CALD]
UniProt	<a href="#">Q05682</a>
Purity	Protein G affinity chromatography

Form	1 mg/ml in 1X PBS, BSA free, sodium azide free
Antibody Type	Primary Antibody
Application Dilute	Flow cytometry: 1-2ug/10 <sup>6</sup> cells, Immunofluorescence: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT, Western blot: 1-2ug/ml
Application Notes	Optimal dilution of the CAD antibody should be determined by the researcher. 1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 min. 2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.