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## Product Datasheet

### **CAD Antibody / CALD1 / Caldesmon (HMW), Clone: [CALD1/820], Mouse, Monoclonal NSJ-V2942-100UG**

Article Name	CAD Antibody / CALD1 / Caldesmon (HMW), Clone: [CALD1/820], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V2942-100UG
Supplier Catalog Number	V2942-100UG
Alternative Catalog Number	NSJ-V2942-100UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	IHC-P, WB
Species Reactivity	Human
Immunogen	Recombinant full-length human protein was used as the immunogen for the CAD antibody.
Product Description	Recognizes a protein of 150kDa, which is identified as 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 distributio...
Clonality	Monoclonal
Clone Designation	[CALD1/820]
UniProt	<a href="#">Q05682</a>
Purity	Protein G affinity chromatography

Form	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide
Antibody Type	Primary Antibody
Application Dilute	Immunohistochemistry (FFPE): 0.25-0.5ug/ml for 30 min at RT, Western blot: 2-4ug/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.