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## Product Datasheet

### **CAD Antibody Cocktail / CALD1 / Caldesmon (HMW), Clone: [CALD1/820 + h-CALD], Mouse, Monoclonal NSJ-V2943-100UG**

Article Name	CAD Antibody Cocktail / CALD1 / Caldesmon (HMW), Clone: [CALD1/820 + h-CALD], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V2943-100UG
Supplier Catalog Number	V2943-100UG
Alternative Catalog Number	NSJ-V2943-100UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	IHC-P
Species Reactivity	Human
Immunogen	Recombinant full-length human protein (CALD1/820) and crude human uterus extract (h-CALD) were used as the immunogen for the CAD antibody cocktail.
Product Description	Two closely related variants of human caldesmon have been identified which are different in their electrophoretic mobility and cellular distribution. The h-caldesmon variant (120-150kDa) is predominantly expressed in smooth muscle whereas l-caldesmon...
Clonality	Monoclonal
Clone Designation	[CALD1/820 + h-CALD]
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
Application Notes	Optimal dilution of the CAD antibody cocktail 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.