

Product datasheet for **TA383853**

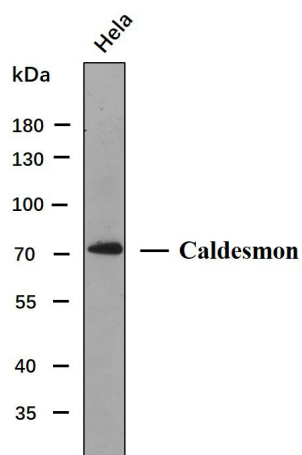
Caldesmon (CALD1) Mouse Monoclonal Antibody [Clone ID: 9B7-7G7-7A1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	9B7-7G7-7A1
Applications:	IHC, WB
Recommended Dilution:	IHC-p: 1/100-1/500 WB: 1/500-1/2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b, kappa
Clonality:	Monoclonal
Immunogen:	Synthesized peptide derived from human Caldesmon
Formulation:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Observed MW (kDa): 70
Gene Name:	caldesmon 1
Database Link:	Entrez Gene 800 Human Q05682
Background:	Swiss-Prot Acc.Q05682.
Synonyms:	CAD; CDM; H-CAD; HCAD; L-CAD; LCAD; MGC21352; NAG22; OTTHUMP00000207949; OTTHUMP00000207954



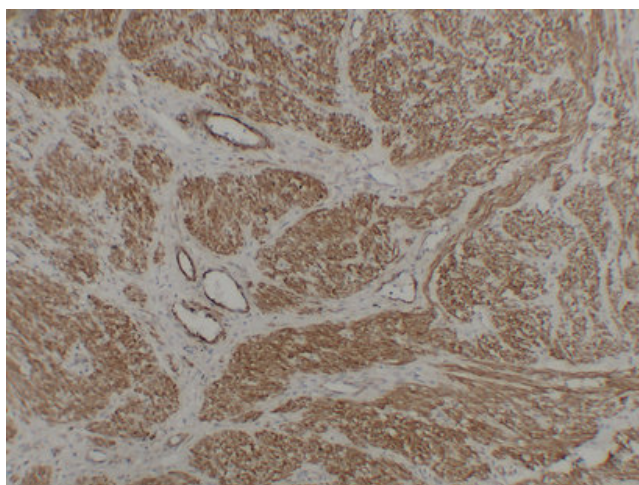
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Product images:

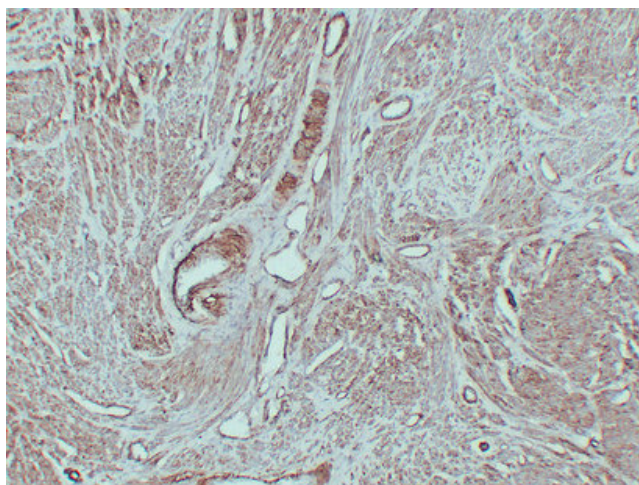
Whole cell lysates of HeLa(30ug) were separated by 8% SDS-PAGE, and the membrane was blotted with Caldesmon antibody. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody.

Predicted band size: 93kDa
Observed band size: 70kDa

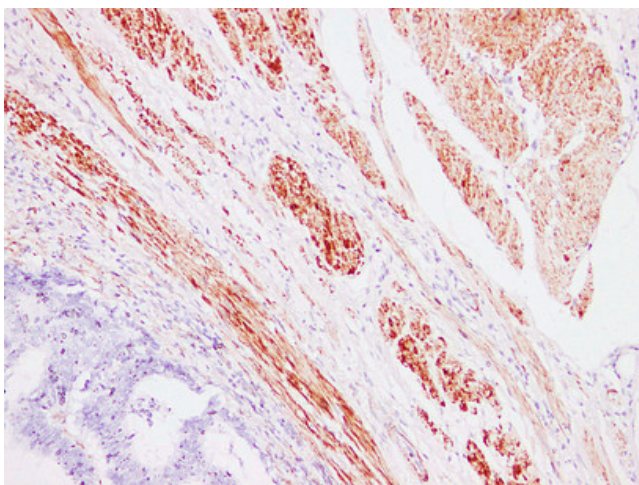
Western blot analysis of CaldesmonAntibody at 1:1000 dilution.



Immunohistochemical analysis of paraffin-embedded Fibroid. 1, Antibody was diluted at 1:200(4°, overnight). 2, Tris-EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded Liomyoma. 1, Antibody was diluted at 1:200(4°, overnight). 2, Tris-EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded Colon. 1, Antibody was diluted at 1:200(4°, overnight). 2, Tris-EDTA, pH8. was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 30min).