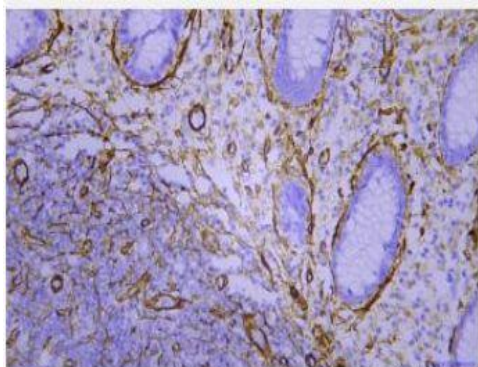


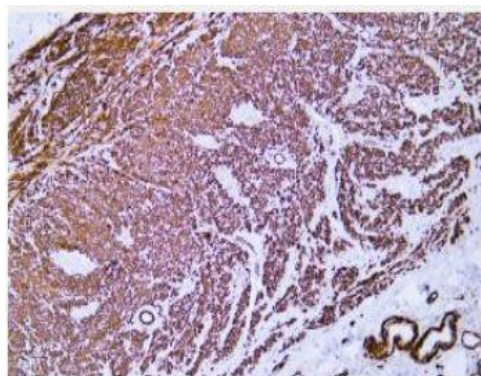
## Caldesmon pan mouse mAb(ABT125)

<b>Catalog No.</b>	IML0847
<b>Reactivity</b>	Human
<b>Applications</b>	IHC-p; IF(paraffin section)
<b>Gene Name</b>	CALD1 CAD CDM
<b>Protein Name</b>	Caldesmon pan
<b>Human Gene Id</b>	800
<b>Swiss-Prot</b>	Q05682
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.165% sodium azide.
<b>Source</b>	Monoclonal, Mouse:IgG2a, Kappa
<b>Dilution</b>	IHC-p: 1:100-200 IF: 1:100-500
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Concentration</b>	0.48mg:mL
<b>Storage&amp;Stability</b>	-20°C:1 year
<b>Background</b>	This gene encodes a calmodulin- and actin-binding protein that plays an essential role in the regulation of smooth muscle and nonmuscle contraction. The conserved domain of this protein possesses the binding activities to Ca(2+)-calmodulin, actin, tropomyosin, myosin, and phospholipids. This protein is a potent inhibitor of the actin-tropomyosin activated myosin MgATPase, and serves as a mediating factor for Ca(2+)-dependent inhibition of smooth muscle contraction. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008],
<b>Subcellular Location</b>	Normal Colon, Liomyoma
<b>BiowMW</b>	-

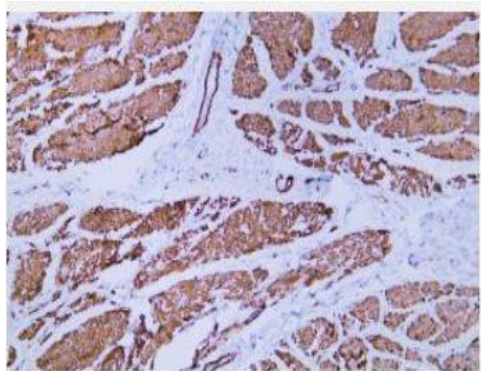
### Products Images:



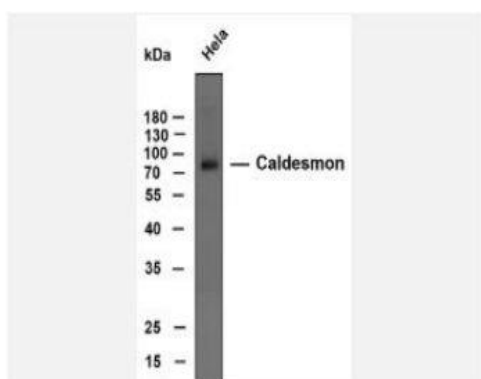
Immunohistochemical analysis of paraffin-embedded human appendix Antibody was diluted at 1:200(4° overnight).



Human appendix tissue was stained with anti-Caldesmon(ABT125) antibody.



Human smooth muscle tissue was stained with anti-Caldesmon(ABT125) antibody.



Whole cell lysates of HeLa were separated by 10% SDS-PAGE, and the membrane was blotted with anti-Caldesmon antibody. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody. Predicted band size: 93(75)kDa