

Mouse Caldesmon Monoclonal Antibody | anti-CALD1 antibody

Anti-Caldesmon(smooth) antibody (monoclonal)

CATALOG # AAA44893	HOST Mouse	REACTIVITY Human, Mouse, Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Caldesmon; Monoclonal Antibody; Anti-Caldesmon(smooth) antibody (monoclonal); caldesmon 1; CDM; H-CAD; L-CAD; anti-CALD1 antibody

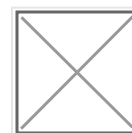
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rabbit
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CD-7
Purity/Purification	Ascites
Form/Format	Liquid
Sequence Length	793
Applicable Applications for anti-CALD1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Human uterus smooth muscle extract.
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-Caldesmon(smooth) antibody, AAA44893, IHC(P)IHC(P): Human Mammary Cancer Tissue



IHC (Immunohistochemistry)
Anti-Caldesmon(smooth) antibody, AAA44893, IHC(P)IHC(P): Human Intestinal Cancer Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-CALD1 antibody

Description: Mouse IgG monoclonal antibody for Caldesmon (smooth), caldesmon 1 (CALD1) detection. Tested with WB, IHC-F in Human, mouse, rat. No cross reactivity with other proteins. Uniprot ID: Q05682

Background: Caldesmon is a potential actomyosin regulatory protein found in smooth muscle and nonmuscle cells. The predicted smooth-muscle polypeptide is 793 amino acids long. The high molecular weight caldesmon(h-CaD) is predominantly expressed in smooth muscles, whereas the low molecular weight caldesmon(l-CaD) is widely distributed in nonmuscle tissues and cells. Hayashi et al.(1992) demonstrated that the human CDM gene is composed of 14 exons.

NCBI AND UNIPROT INFORMATION

NCBI GI #	338817891
NCBI GeneID	800
UniProt Accession #	Q05682; Q13978; Q13979; Q14741; Q14742; Q9UD91; A8K0X1
Molecular Weight	65,620 Da
NCBI Official Full Name	Caldesmon
NCBI Official Synonym Full Names	caldesmon 1
NCBI Official Symbol	CALD1
NCBI Official Synonym Symbols	CDM; HCAD; LCAD; H-CAD; L-CAD; NAG22
NCBI Protein Information	caldesmon
UniProt Protein Name	Caldesmon
UniProt Gene Name	CALD1
UniProt Synonym Gene Names	CAD; CDM; CDM
UniProt Entry Name	CALD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/caldesmon-antibody-clone-cd-7-immunohistochemistry-western-blot-elisa/44893>