

Caldesmon Monoclonal Antibody

Catalog No. E-AB-71023

Note: Centrifuge before opening to ensure complete recovery of vial contents.

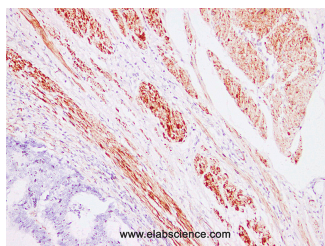
Description

Reactivity	Human
Immunogen	Full length protein from eukaryotic expression system.
Host	Mouse
Isotype	IgG
Clone	LE1C1
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

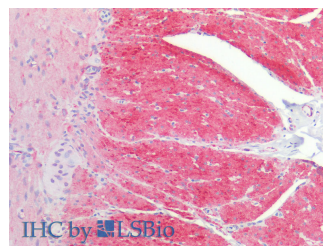
Applications Recommended Dilution

IHC 1:100-1:200

Data



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human colon cancer tissue smooth muscle layer using Caldesmon Monoclonal Antibody with Cat#E-AB-71023 at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Human small intestine using Caldesmon Monoclonal Antibody at dilution of 1:100(Elabscience® Product Detected by Lifespan).

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

CALD1 (Caldesmon 1) is a Protein Coding gene. Diseases associated with CALD1 include Mixed Endometrial Stromal And Smooth Muscle Tumor and Kidney Leiomyosarcoma. Among its related pathways are Vascular smooth muscle contraction and Cardiac conduction. Interacts with actin, myosin, two molecules of tropomyosin and with calmodulin. Also play an essential role during cellular mitosis and receptor capping. Involved in Schwann cell migration during peripheral nerve regeneration .

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