

CALD1 monoclonal antibody

Catalog: MB22822

Host: Mouse

Reactivity: Human

BackGround:

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]

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

93.2kDa

Swiss-Prot:

Q05682

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC:1/200 - 1/1000 FC:1/200 - 1/400

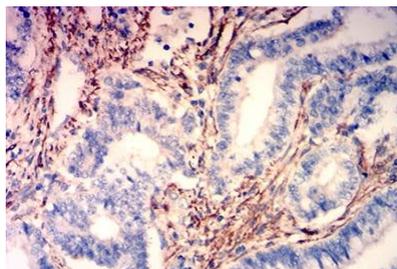
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

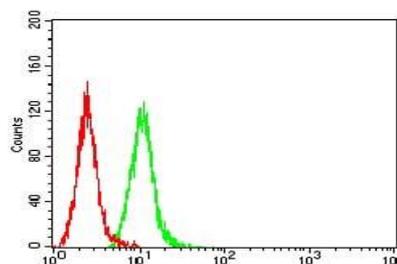
Isotype:

Mouse IgG1

DATA:



Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using CALD1 mouse mAb with DAB staining.



Flow cytometric analysis of HeLa cells using CALD1 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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