

CALD1 monoclonal antibody

Catalog: MB22821

Host: Mouse

Reactivity: Human, Mouse, Rat

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:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

Storage&Stability:

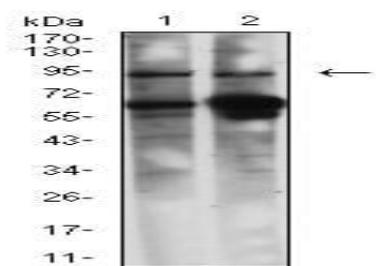
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

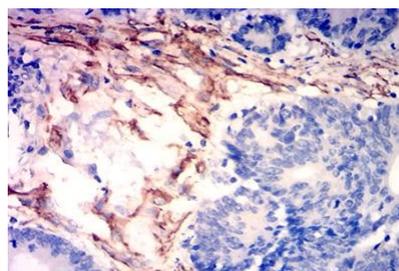
Isotype:

Mouse IgG1

DATA:



Western blot analysis using CALD1 mouse mAb against NIH/3T3 (1) and C6 (2) cell lysate.



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

Note:

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

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