

PINCH monoclonal antibody

Catalog: MB21500

Host: Mouse

Reactivity: Human

Background:

The protein encoded by this gene is an adaptor protein which contains five LIM domains, or double zinc fingers. The protein is likely involved in integrin signaling through its LIM domain-mediated interaction with integrin-linked kinase, found in focal adhesion plaques. It is also thought to act as a bridge linking integrin-linked kinase to NCK adaptor protein 2, which is involved in growth factor receptor kinase signaling pathways. Its localization to the periphery of spreading cells also suggests that this protein may play a role in integrin-mediated cell adhesion or spreading. Several transcript variants encoding different isoforms have been found for this gene.

Product:

Ascitic fluid containing 0.03% sodium azide.

Molecular Weight:

37kDa

Swiss-Prot:

P48059

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:

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

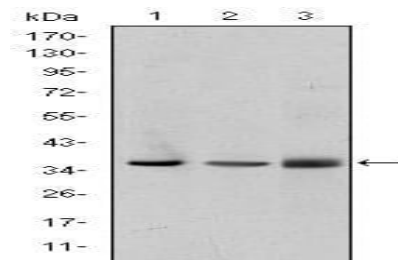
Storage&Stability:

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

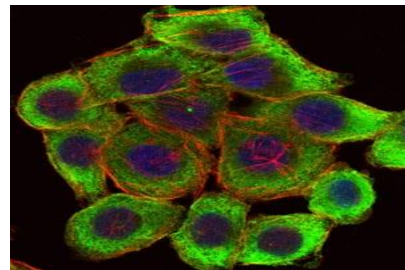
Isotype:

Mouse IgG1

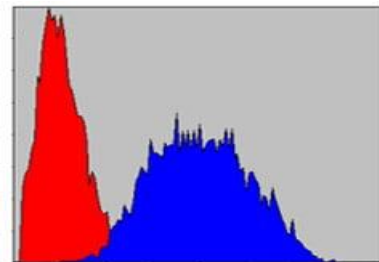
DATA:



Western blot analysis using PINCH mouse mAb against A549 (1), Jurkat (2), and HeLa (3) cell lysate.



Immunofluorescence analysis of HepG2 cells using PINCH mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



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

Note:

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

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