



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to PINCH

Catalog Number: MAB-606030241

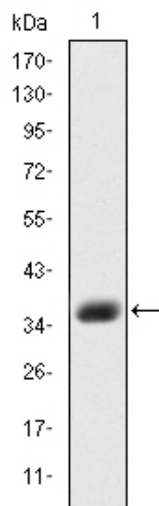


Figure 1: Western blot analysis using PINCH mAb against recombinant protein.

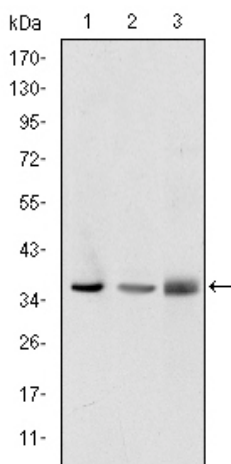


Figure 2: Western blot analysis using PINCH mouse mAb against A549 (1), Jurkat (2), and HeLa (3) cell lysate.

Lot#:
Clone#: 5G7
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 37kDa
Aliases: PINCH; PINCH1; PINCH-1; LIMS1
Entrez Gene: 3987
Species reactivity: Human

Description 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.

Immunogen Purified recombinant fragment of human PINCH expressed in E. Coli.

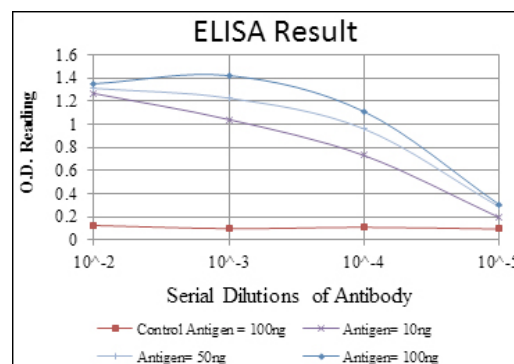
Application Western Blotting: 1/500 - 1/2000.
Immunofluorescence: 1/200 - 1/1000.
Flow cytometry: 1/200 - 1/400.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4°C, for long term storage, store at -20°C.

Related product References

1. J Biol Chem. 2009 Feb 27;284(9):5836-44.
2. Proc Natl Acad Sci U S A. 2008 Dec 30;105(52):20677-82.



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