

Product Datasheet

PINCH (3C12) Mouse mAb

Catalog No: AB3499

Reactivity: Human

Isotype: Mouse IgG1

Applications: WB, ICC/IF, FC, IP



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Information

UniProt ID: P48059

All Names: LIMS1; PINCH; PINCH1; LIM and senescent cell antigen-like-containing domain protein 1; Particularly interesting new Cys-His protein 1; PINCH-1; Renal carcinoma antigen NY-REN-48

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 37kDa

Application

WB: 1/500-1/1000

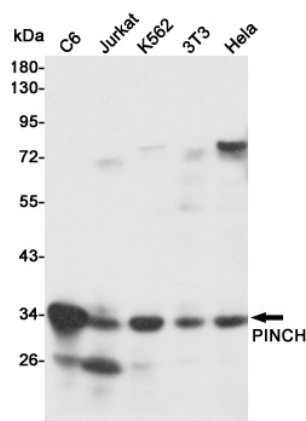
ICC/IF: 1/50-1/200

IP: 1/20

FC: 1/50-1/100

Background

Swiss-Prot Acc.P48059. 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.



Western blot analysis of PINCH (3C12) in C6, Jurkat, K562, 3T3 and HeLa lysates using PINCH (3C12) antibody.

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