OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA384985

LIMS1 Mouse Monoclonal Antibody [Clone ID: 3C12-F7-A8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3C12-F7-A8
Applications:	FC, IF, IP, WB
Recommended Dilution:	WB: 1/500-1/2000 ICC: 1/200-1/1000 FC: 1/200-1/400
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human PINCH expressed in E. Coli.
Formulation:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.03% Proclin 300, pH 7.3.
Concentration:	lot specific
Purification:	Ascitic Fluid
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	37kDa
Gene Name:	LIM zinc finger domain containing 1
Database Link:	Entrez Gene 3987 Human P48059

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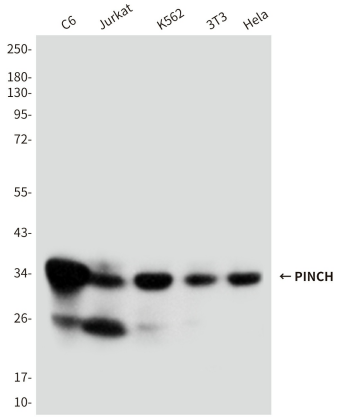
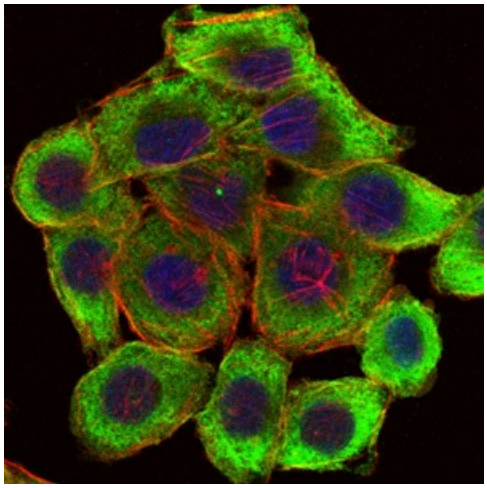
Background: Swiss-Prot Acc.P48059.The protein encoded by this gene is an adaptor protein which contains five LIM domains, or double zinc fingers. The protein is likely involved in integrin signaling through its LIM domain-mediated interaction with integrin-linked kinase, found in focal adhesion plaques. 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.

Synonyms: OTTHUMP00000161608; PINCH; PINCH-1; PINCH1

Product images:



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



Immunofluorescence analysis of PINCH (3C12) in HepG2 cells using PINCH (3C12) antibody (green)and DAPI (blue).

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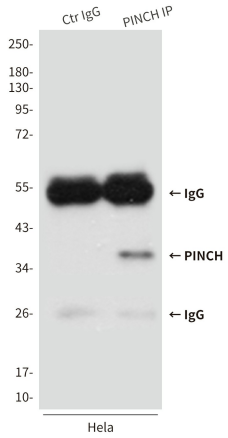
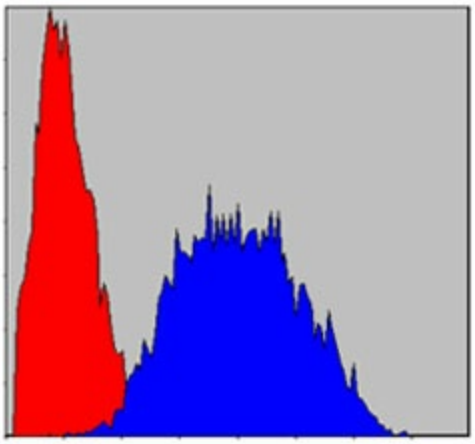


Immunoprecipitation analysis of PINCH in Hela lysates using PINCH antibody.



Flow cytometry analysis of Hela stained with PINCH antibody (blue) and negative control (red).

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