

Mouse anti-Human Pinch-1 Monoclonal Antibody | anti-Pinch-1 antibody

Pinch-1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320197	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

Pinch-1; Monoclonal Antibody; Pinch-1 Monoclonal Antibody; LIM and senescent cell antigen-like-containing domain protein 1; LIMS1; PINCH; PINCH1; Particularly interesting new Cys-His protein 1; PINCH-1; Renal carcinoma antigen NY-REN-48; anti-Pinch-1 antibody

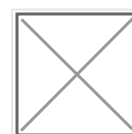
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Pinch-1 Monoclonal Antibody detects endogenous levels of Pinch-1 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-Pinch-1 antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of human Pinch-1 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

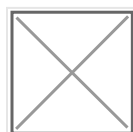
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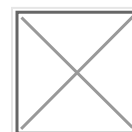
Application Data


FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells using Pinch-1 Monoclonal Antibody (blue) and negative control (red).


IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells using Pinch-1 Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.


WB (Western Blot)

Western Blot analysis using Pinch-1 Monoclonal Antibody against A549 (1), Jurkat (2), and HeLa (3) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-Pinch-1 antibody	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. [provided by RefSeq, Jul 2010]
Product Categories/Family for anti-Pinch-1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	301601605
NCBI GeneID	3987
NCBI Accession #	NP_001180411
NCBI GenBank Nucleotide #	NM_001193482
UniProt Accession #	P48059; Q53TE0; Q9BS44; B2RAJ4; B7Z483; B7Z7R3; B7Z907
Molecular Weight	41,571 Da
NCBI Official Full Name	LIM and senescent cell antigen-like-containing domain protein 1 isoform c
NCBI Official Synonym Full Names	LIM and senescent cell antigen-like domains 1
NCBI Official Symbol	LIMS1
NCBI Official Synonym Symbols	PINCH; PINCH1; PINCH-1
NCBI Protein Information	LIM and senescent cell antigen-like-containing domain protein 1; particularly interesting new Cys-His protein 1; renal carcinoma antigen NY-REN-48
UniProt Protein Name	LIM and senescent cell antigen-like-containing domain protein 1
UniProt Gene Name	LIMS1
UniProt Synonym Gene Names	PINCH; PINCH1; PINCH-1
UniProt Entry Name	LIMS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pinch-1-antibody-flow-cytometry-immunocytochemistry-immunofluorescence-western-blot-elisa/320197>