

## Mouse Monoclonal Antibody to PINCH

Catalogue Number	sAP-0591
Target Molecule	<b>Name:</b> PINCH <b>Aliases:</b> PINCH; PINCH1; PINCH-1; LIMS1 <b>MW:</b> 37kDa <b>Entrez Gene ID:</b> 3987
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. ;
Reactive Species	Human
Clone	MM5G7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**