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Title	Substrate stiffness induces nuclear localization of myosin regulatory light chain to suppress apoptosis
Author(s)	Onishi, Katsuya; Ishihara, Seiichiro; Takahashi, Masayuki et al.
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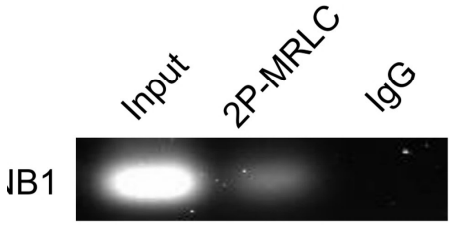
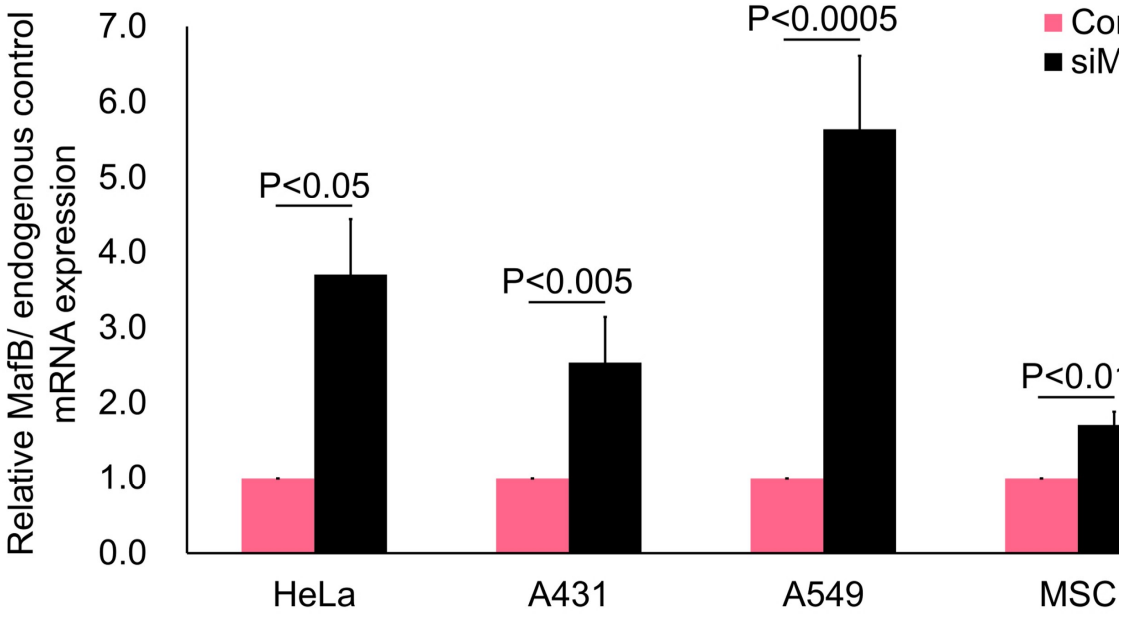
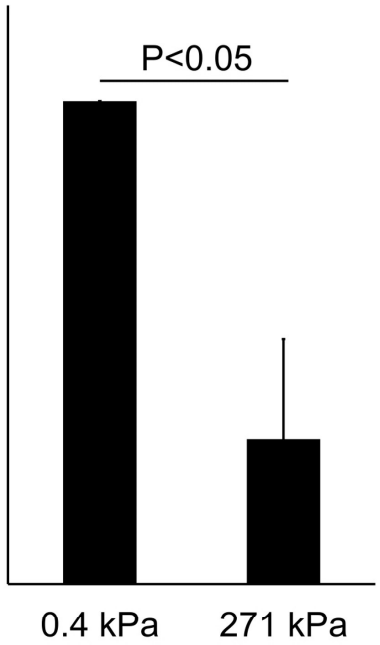
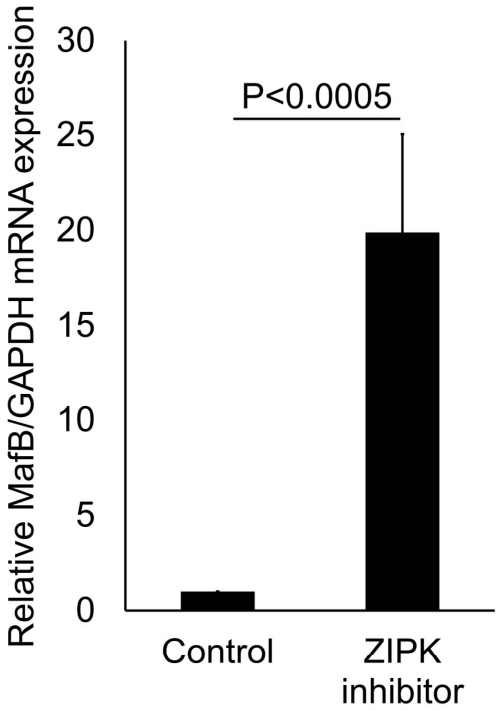

Input
2P-MRLC
IgG
JB1

B.

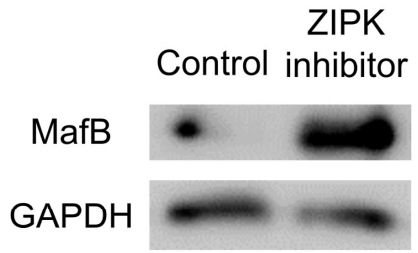

Relative MafB/ endogenous control mRNA expression
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
P<0.05
P<0.005
P<0.0005
HeLa
A431
A549
MSC

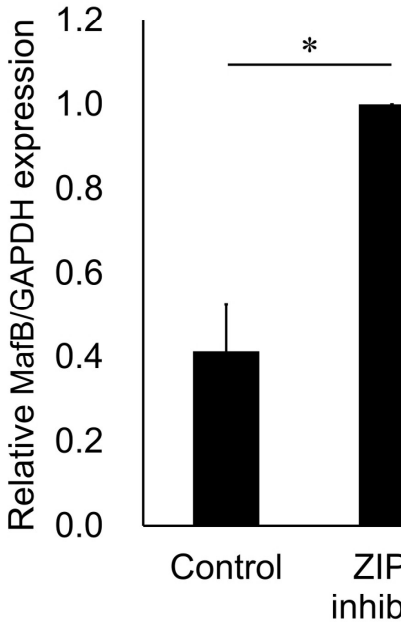
D.


P<0.05
0.4 kPa
271 kPa


Relative MafB/GAPDH mRNA expression
30
25
20
15
10
5
0
P<0.0005
Control
ZIPK inhibitor

E.


Control
ZIPK inhibitor
MafB
GAPDH


Relative MafB/GAPDH expression
1.2
1.0
0.8
0.6
0.4
0.2
0.0
*
Control
ZIPK inhib