

Figure S1

mBMSCs were infected with the adenovirus harbouring Mst1 shRNA, and mRNA and protein expression levels of Mst1 were analyzed by qPCR and western blotting.

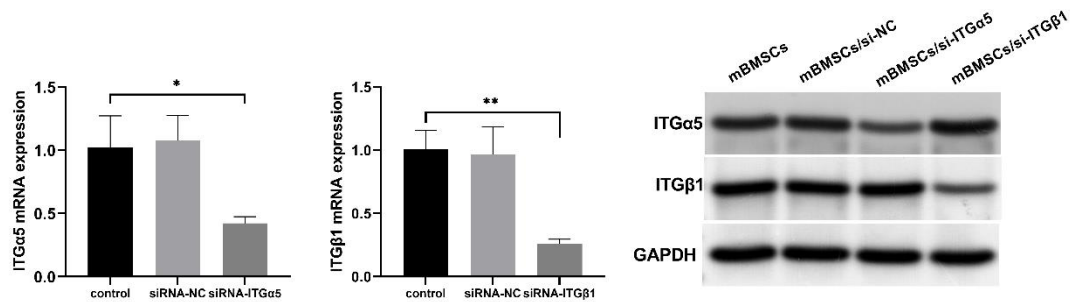


Figure S2

mBM-MSC/sh-Mst1 was transfected with siRNA-NC, siRNA-ITGα5 and siRNA-ITGβ1. ITGα5 and ITGβ1 expression levels were determined by PCR and Western blot analysis. GAPDH was used as the loading control.

Table S1

Gene	Sense	antisense
Mst1	5'- GGGTCCCAGTAGCCAAGA T-3'	5'- GAGGCACCCACATACCATTCA-3'
GAPDH	5'-TGACGTGGACATCCGCAAAG -3'	5'- CTGGAAGGTGGACAGCGACG-3'
FABP4	5'- TGAAATCACCGCAGACGACA-3'	5'- ACACATTCCACCACCAGCTT-3'
ALP	5'- CCGATGGCACACCTGCTT-3'	5'- CCTGAGGCTCTTTTCCAGCC-3'

Table S2

Group	number	weight				
		heart	liver	spleen	lung	kidney
mBMSCs	1	0.13	1.36	0.15	0.14	0.38
	2	0.14	1.56	0.14	0.15	0.36
	3	0.14	1.35	0.14	0.25	0.33
mBMSCs/sh-NC	4	0.11	1.32	0.14	0.20	0.30
	5	0.12	1.56	0.14	0.20	0.35
	6	0.10	1.20	0.14	0.18	0.03
mBMSCs/sh-Mst1	7	0.11	1.39	0.14	0.20	0.04
	8	0.12	1.40	0.16	0.17	0.34
	9	0.11	1.30	0.11	0.23	0.37
	10	0.10	1.25	0.13	0.16	0.32