

Supplementary Data

SUPPLEMENTARY TABLE S1. ANTIBODY INFORMATION

<i>Antibody names</i>	<i>Company, Catalog No</i>	<i>Dilution</i>
Alexa Fluor 647-labeled rat antimouse CD206	Biolegend, YB32605F	1:100
BV421-labeled rat antimouse F4/80	Biolegend, 123131	1:200
Chicken anti-GFP	Abcam, ab13970	1:400
FITC-labeled mouse antihuman SSEA1	eBioscience, 11-0159-42	1:100
FITC-labeled rat antimouse CD45	BD Pharmingen, 553080	1:100
Mouse anti- β -actin	BOSTER, BM0627	1:2000
Mouse anti-cTnT	Abcam, ab8295	1:400
Mouse anti-DDR2	Abcam, ab63337	1:100
Mouse anti-GAPDH	Kangchen, KC-5G5	1:5000
Mouse anti-MESP1	Abcam, ab77013	1:100
Mouse anti-NKX2.5	R&D, MAB2444	1:100
PE-Cy7-labeled rat antimouse CD11b	BD Pharmingen, 552850	1:100
PE-labeled rat antimouse Ly-6G	BD Pharmingen, 561104	1:100
Rabbit anti- α SMA	Abcam, ab5694	1:400
Rabbit anti-Akt	CST, 4685S	1:1000
Rabbit anti-caspase-3	CST, 9664	1:1000
Rabbit anti-CD206	Abcam, ab64693	1:1000
Rabbit anti-CD31	Abcam, ab28364	1:100
Rabbit anti-cTnI	Abcam, ab47003	1:400
Rabbit anti-Erk1/2	CST, 4695	1:1000
Rabbit anti-GATA4	Epitomics, 5499-1	1:100
Rabbit antihuman nucleolin	Abcam, ab170518	1:200
Rabbit anti-iNOS	Abcam, ab129372	1:1000
Rabbit anti-ISL1	Epitomics, 8403-1	1:200
Rabbit anti-MEF2C	CST, 5030	1:100
Rabbit anti-p-Akt (S473)	CST, 4058S	1:1000
Rabbit anti-p-Erk1/2 (T202/Y204)	CST, 4370	1:1000
Rabbit anti-p-STAT3 Y705	CST, 9145s	1:1000
Rabbit anti-p-STAT6 Y641	Abcam, ab28829	1:1000
Rabbit anti-STAT3	CST, 4904P	1:1000
Rabbit anti-STAT6	Abcam, ab44718	1:1000
Rabbit anti-Vimentin	CST, 5741S	1:100
Rat anti-CD11b	BD Pharmingen, 550282	1:200
Rat anti-CD68	Abcam, ab53444	1:200

α -SMA, alpha-smooth muscle actin; Akt, protein kinase B; cTnI, cardiac troponin I; cTnT, cardiac troponin T; DDR2, discoidin domain receptor-2; EGFP, enhanced green fluorescent protein; Erk1/2, extracellular signal-regulated kinases 1/2; GAPDH, glyceraldehyde-3-phosphate dehydrogenase; GATA4, GATA binding protein 4; iNOS, inducible nitric oxide synthase; ISL1, insulin gene enhancer protein; MEF2C, myocyte enhancer factor 2c; MESP1, mesoderm posterior BHLH transcription factor 1; NKX2.5, NK2 homeobox 5; SSEA1, stage-specific embryonic antigen 1; STAT6, signal transducer and activator of transcription 6.