

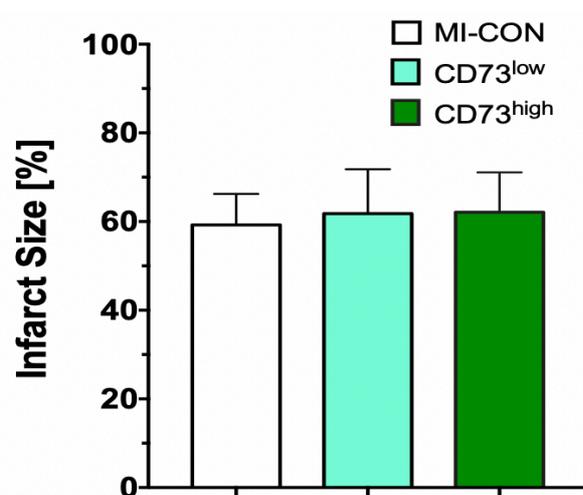
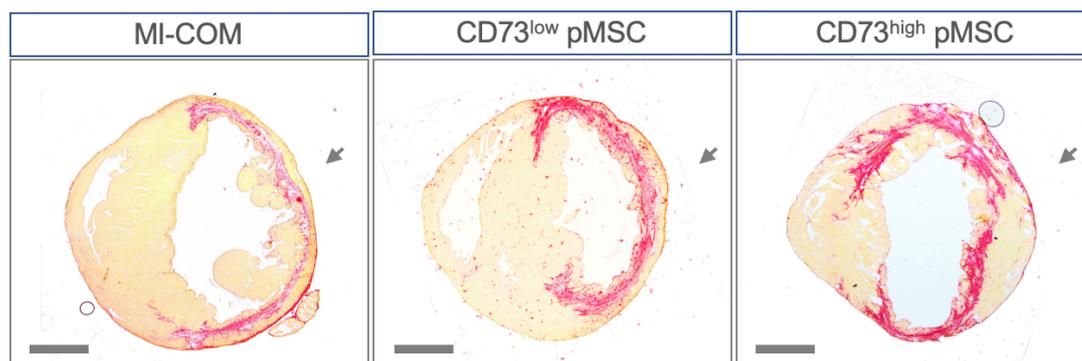
Suppl. Table 1. Comparison of surface epitopes in CD73^{low} and CD73^{high} pMSC.

Markers	CD73 ^{low} pMSC (n=4)	CD73 ^{high} pMSC (n=4)
CD 29	99.90±1.2	99.89±0.1
CD 34	1.48±1.2	0.68±0.4
CD 44	99.18±1.3	97.89±1.8
CD 45	0.36±0.2	0.43±0.3
CD 90	99.35±0.7	99.85±0
CD 105	88.85±13.2	90.22±8.5

Suppl. table 2. Echocardiographic assessment of cardiac function in mice of MI control (MI-CON) and treated with CD73^{low} and CD73^{high} pMSC.

	MI-CON (n=6)	CD73 ^{low} pMSC (n=5)	CD73 ^{high} pMSC (n=5)
IVSd (mm)	0.29 ± 0.1	0.41 ± 0.1	0.63 ± 0.13**§
LVIDd (mm)	4.78 ± 0.8	4.66 ± 0.9	4.72 ± 0.9
LVPWd (mm)	0.91 ± 0.1	0.81 ± 0.1	0.86 ± 0.05
IVSs (mm)	0.3 ± 0.3	0.48 ± 0.02§	0.74 ± 0.05**§
LVIDs (mm)	4.17 ± 0.7	3.88 ± 0.4	3.71 ± 0.6*
LVPWs (mm)	1.31 ± 0.2	1.28 ± 0.2	1.18 ± 0.2
EDV (μl)	106.7 ± 19.6	100.3 ± 11.4	103.8 ± 13.2
ESV (μl)	77.5 ± 9.3	65.5 ± 7.5§	58.4 ± 5.1**§

§ = p < 0.05 in comparison to MI-CON; * = p < 0.05 and ** = p < 0.01 to CD73^{low} pMSC group.



Suppl. figure 1.

Comparison of infarct size in control mice (MI-CON) and treated with CD73^{low} and CD73^{high} pMSC. Mid-ventricular sections of the representative hearts were stained with Sirius red for collagen deposition (relevant to myocardial damage) and quantified as percentage of total circumference of left ventricular wall. The results show a similar infarct size in three groups.