

Gene	Cell type	Condition	IMDM-FCS	IMDM-PL
CD146	MSC	transwell	1.97 (± 0.58 )	3.47 (± 0.98 )
		direct	15.15 (± 6.99 )	8.44 (± 3.50 )
		single	3.25 (± 0.89 )	4.30 (± 1.62 )
	EPC (MSC)	transwell	3.37 (± 1.27 )	3.00 (± 0.94 )
		direct	2.42 (± 0.78 )	1.70 (± 0.51 )
		single	3.92 (± 1.26 )	2.13 (± 0.82 )
	depleted-MSC	transwell	2.19 (± 0.80 )	3.69 (± 1.51 )
		direct	11.62 (± 6.07 )	7.44 (± 3.44 )
		single	3.16 (± 0.70 )	6.93 (± 3.11 )
	EPC (depleted-MSC)	transwell	4.37 (± 1.61 )	1.77 (± 0.61 )
		direct	2.65 (± 0.81 )	1.70 (± 0.51 )
		single	3.92 (± 1.26 )	2.13 (± 0.82 )
NG2	MSC	transwell	2.06 (± 0.21 )	1.51 (± 0.34 )
		direct	6.40 (± 2.60 )	3.11 (± 0.64 )
		single	3.21 (± 0.36 )	2.32 (± 0.55 )
	EPC (MSC)	transwell	3.73 (± 1.32 )	3.22 (± 1.48 )
		direct	1.86 (± 0.73 )	1.36 (± 0.48 )
		single	5.16 (± 1.72 )	2.54 (± 1.03 )
	depleted-MSC	transwell	1.88 (± 0.50 )	1.42 (± 0.55 )
		direct	4.80 (± 1.94 )	2.41 (± 0.64 )
		single	3.02 (± 0.88 )	2.59 (± 1.14 )
	EPC (depleted-MSC)	transwell	4.30 (± 1.13 )	1.92 (± 0.78 )
		direct	1.36 (± 0.49 )	1.46 (± 0.50 )
		single	5.16 (± 1.72 )	2.54 (± 1.03 )
$\alpha$ SMA	MSC	transwell	0.28 (± 0.07 )	0.22 (± 0.05 )
		direct	0.34 (± 0.09 )	0.24 (± 0.05 )
		single	0.30 (± 0.06 )	0.19 (± 0.04 )
	EPC (MSC)	transwell	0.58 (± 0.07 )	0.70 (± 0.29 )
		direct	0.97 (± 0.20 )	0.60 (± 0.10 )
		single	0.63 (± 0.10 )	0.45 (± 0.10 )
	depleted-MSC	transwell	0.32 (± 0.10 )	0.23 (± 0.06 )
		direct	0.50 (± 0.07 )	0.28 (± 0.10 )
		single	0.53 (± 0.17 )	0.23 (± 0.07 )
	EPC (depleted-MSC)	transwell	0.73 (± 0.20 )	0.38 (± 0.06 )
		direct	0.94 (± 0.23 )	0.47 (± 0.05 )
		single	0.63 (± 0.10 )	0.45 (± 0.10 )
PDGFR- $\beta$	MSC	transwell	0.51 (± 0.08 )	0.38 (± 0.05 )
		direct	0.60 (± 0.10 )	0.39 (± 0.04 )
		single	0.44 (± 0.07 )	0.37 (± 0.07 )
	EPC (MSC)	transwell	1.35 (± 0.65 )	0.70 (± 0.15 )
		direct	1.46 (± 0.27 )	0.96 (± 0.15 )
		single	1.02 (± 0.13 )	0.72 (± 0.33 )
	depleted-MSC	transwell	0.58 (± 0.14 )	0.28 (± 0.00 )
		direct	0.62 (± 0.14 )	0.39 (± 0.09 )
		single	0.99 (± 0.43 )	0.59 (± 0.15 )
	EPC (depleted-MSC)	transwell	1.53 (± 0.60 )	0.51 (± 0.13 )
		direct	1.63 (± 0.55 )	0.70 (± 0.17 )
		single	1.02 (± 0.13 )	0.72 (± 0.33 )
PECAM-1	MSC	transwell	0.28 (± 0.09 )	0.45 (± 0.11 )
		direct	0.17 (± 0.05 )	0.35 (± 0.14 )
		single	0.22 (± 0.05 )	0.22 (± 0.06 )
	EPC (MSC)	transwell	0.21 (± 0.09 )	2.53 (± 0.89 )
		direct	8.16 (± 3.49 )	10.24 (± 5.94 )
		single	0.26 (± 0.08 )	1.12 (± 0.40 )
	depleted-MSC	transwell	0.37 (± 0.07 )	0.83 (± 0.30 )
		direct	0.23 (± 0.07 )	0.39 (± 0.17 )
		single	0.28 (± 0.16 )	1.07 (± 0.58 )
	EPC (depleted-MSC)	transwell	0.35 (± 0.12 )	1.67 (± 0.42 )
		direct	4.46 (± 1.77 )	4.04 (± 1.08 )
		single	0.26 (± 0.08 )	1.12 (± 0.40 )