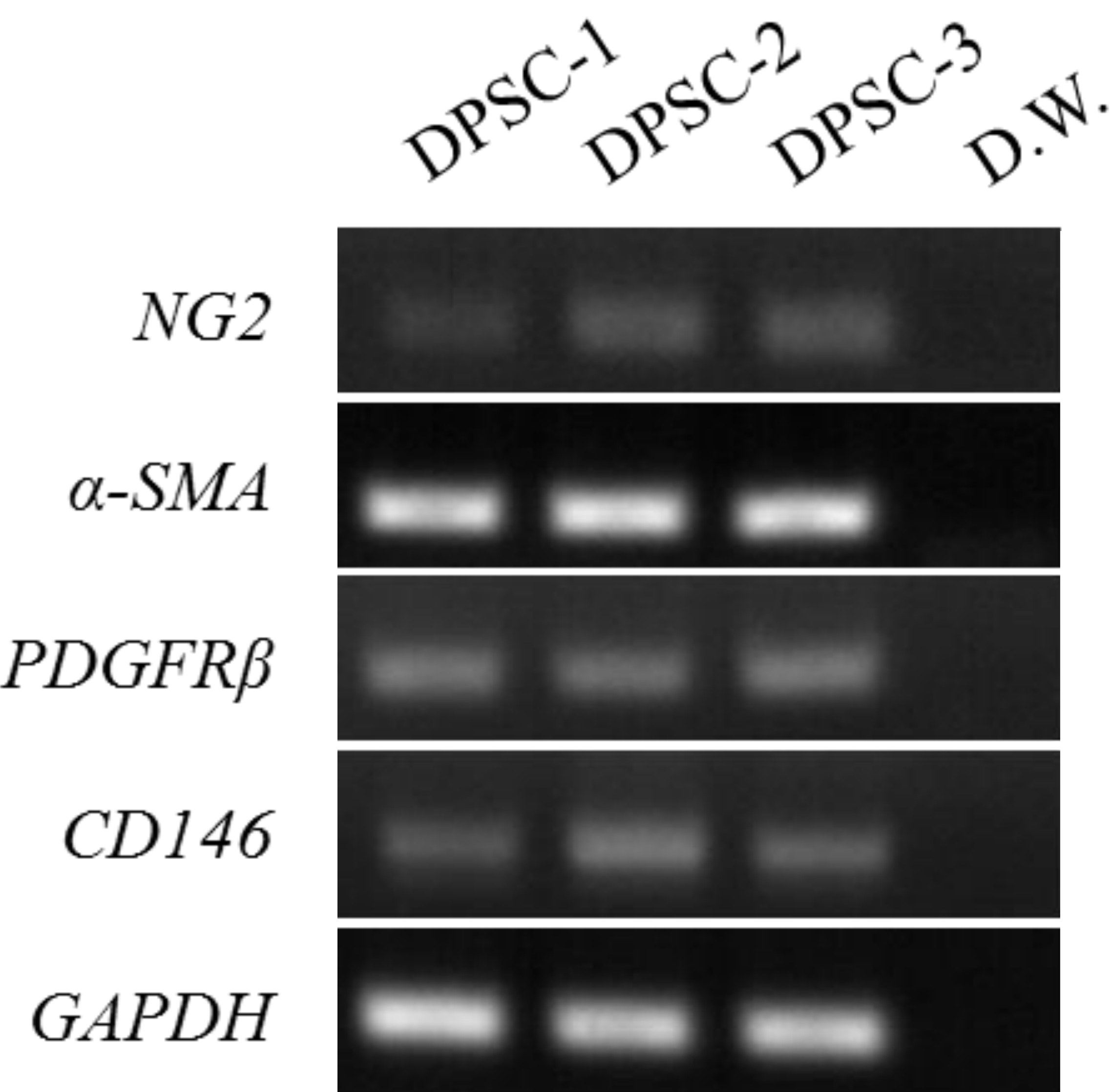


Supplementary Figure 1.

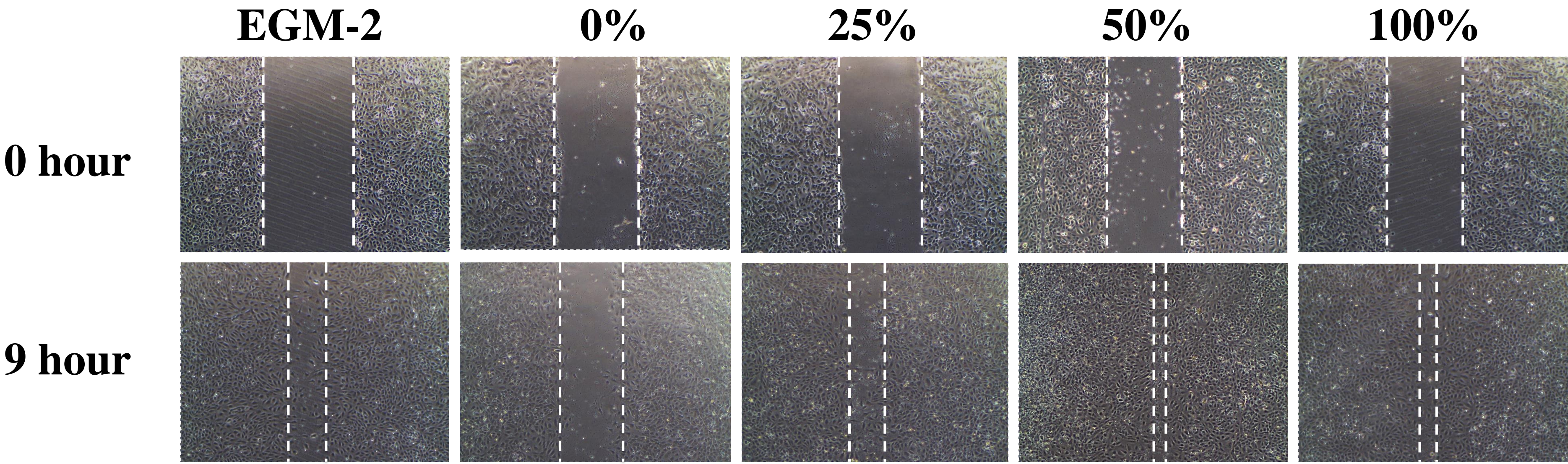




**A**

**No AMD3100**

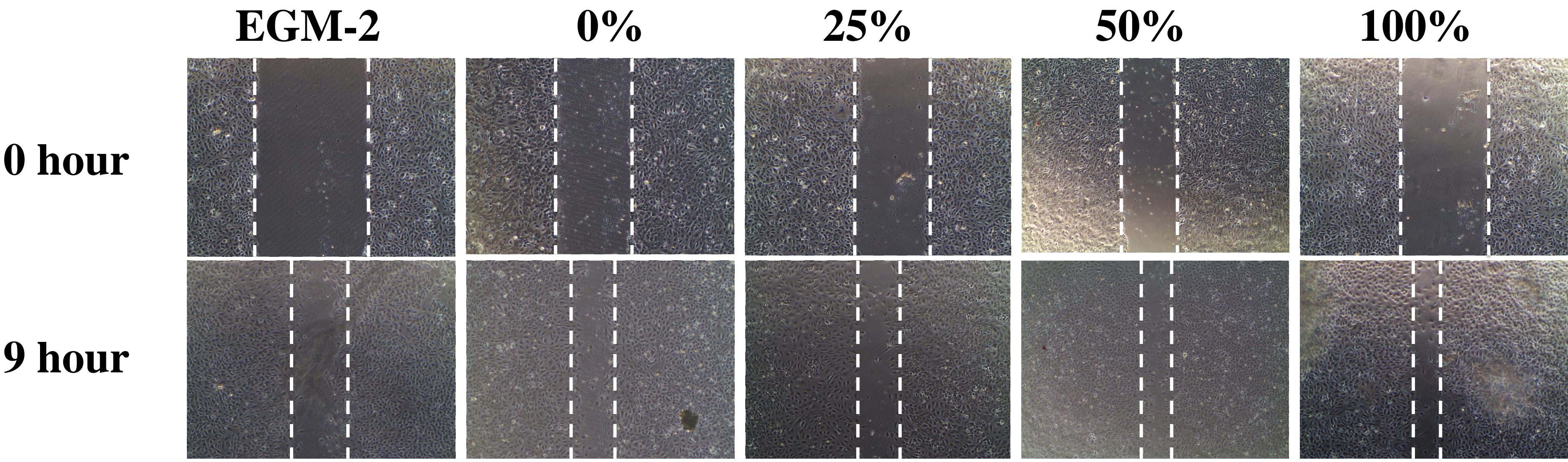
**DPSC-CM**



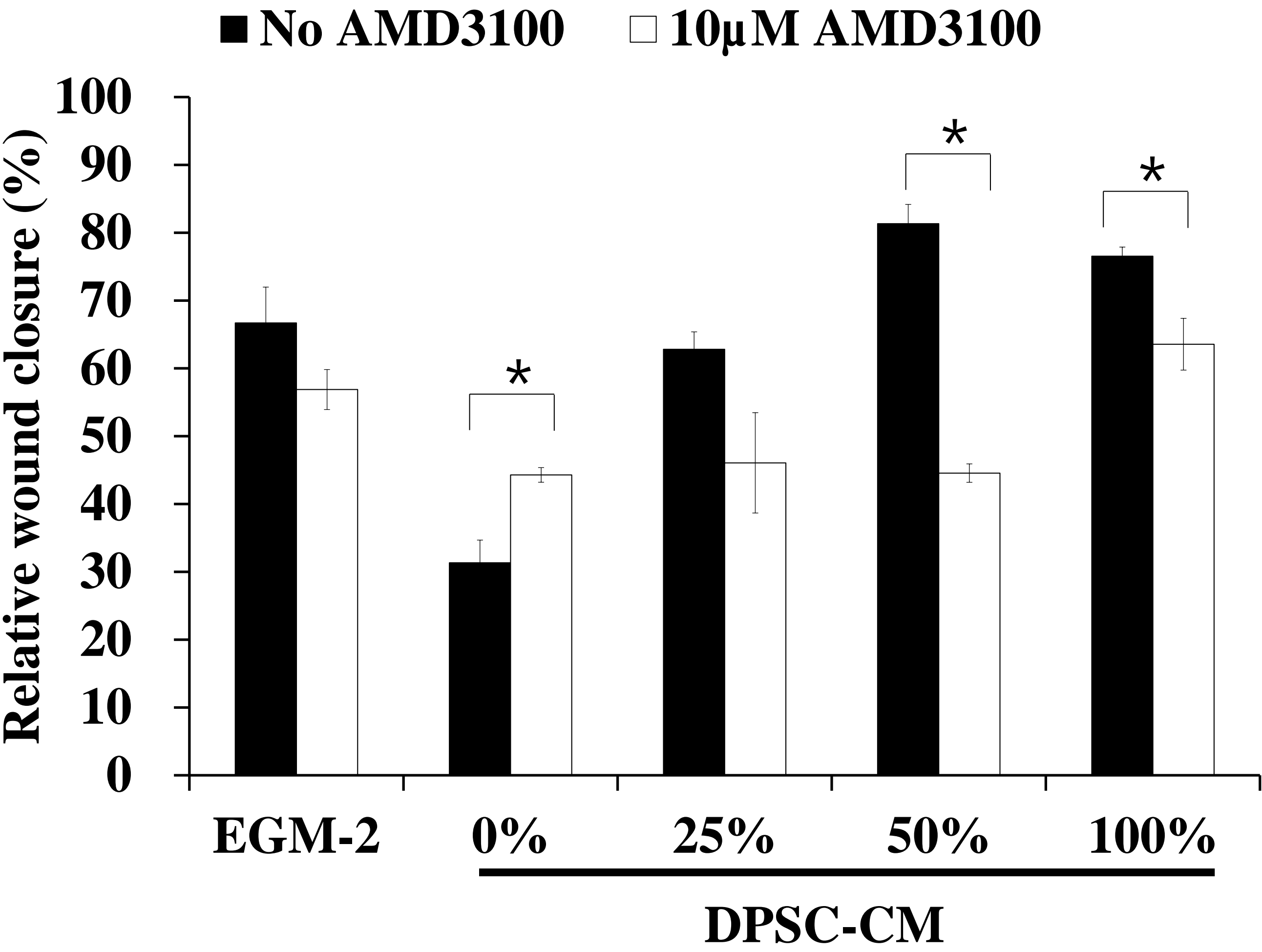
**B**

**10  $\mu$ M AMD3100**

**DPSC-CM**



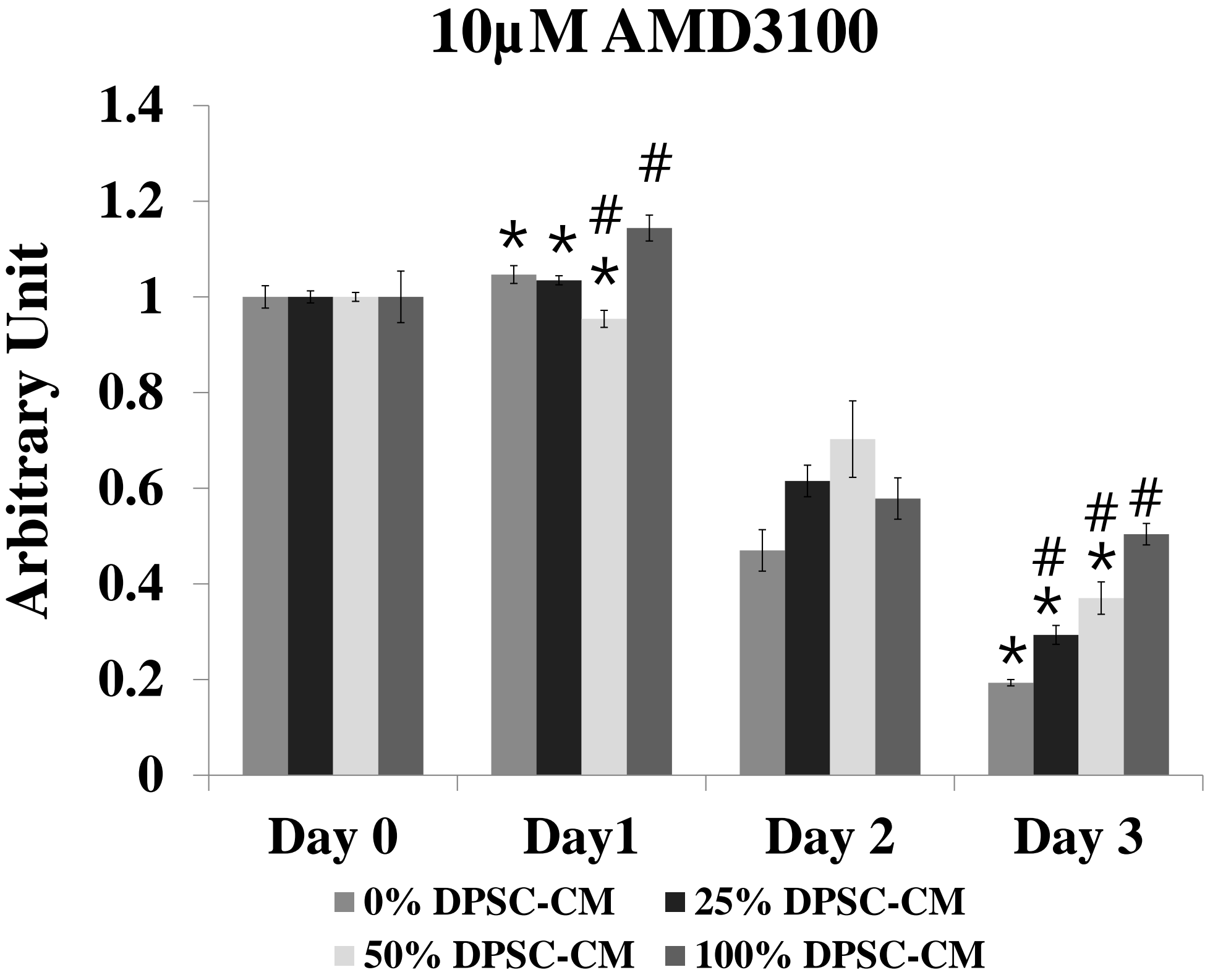
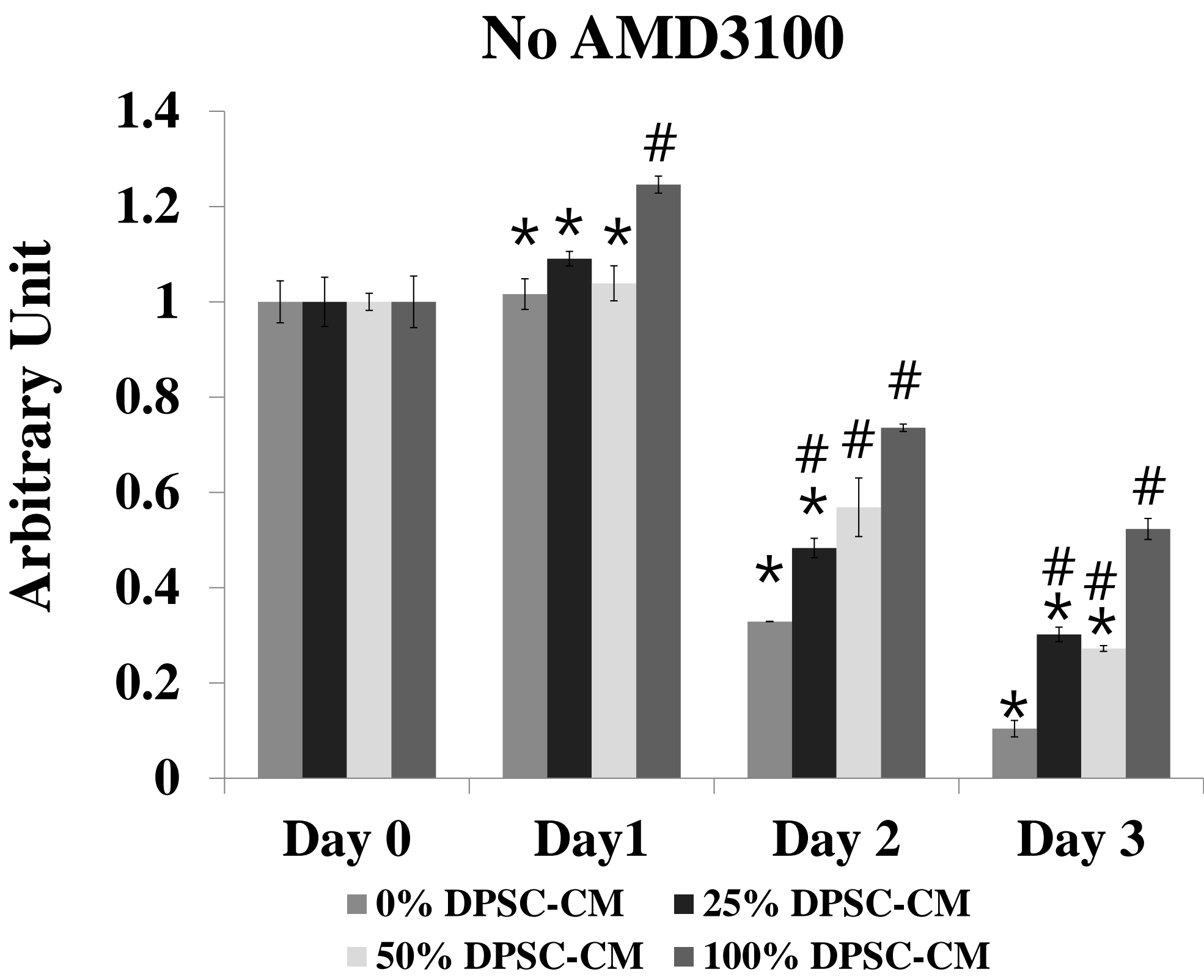
**C**



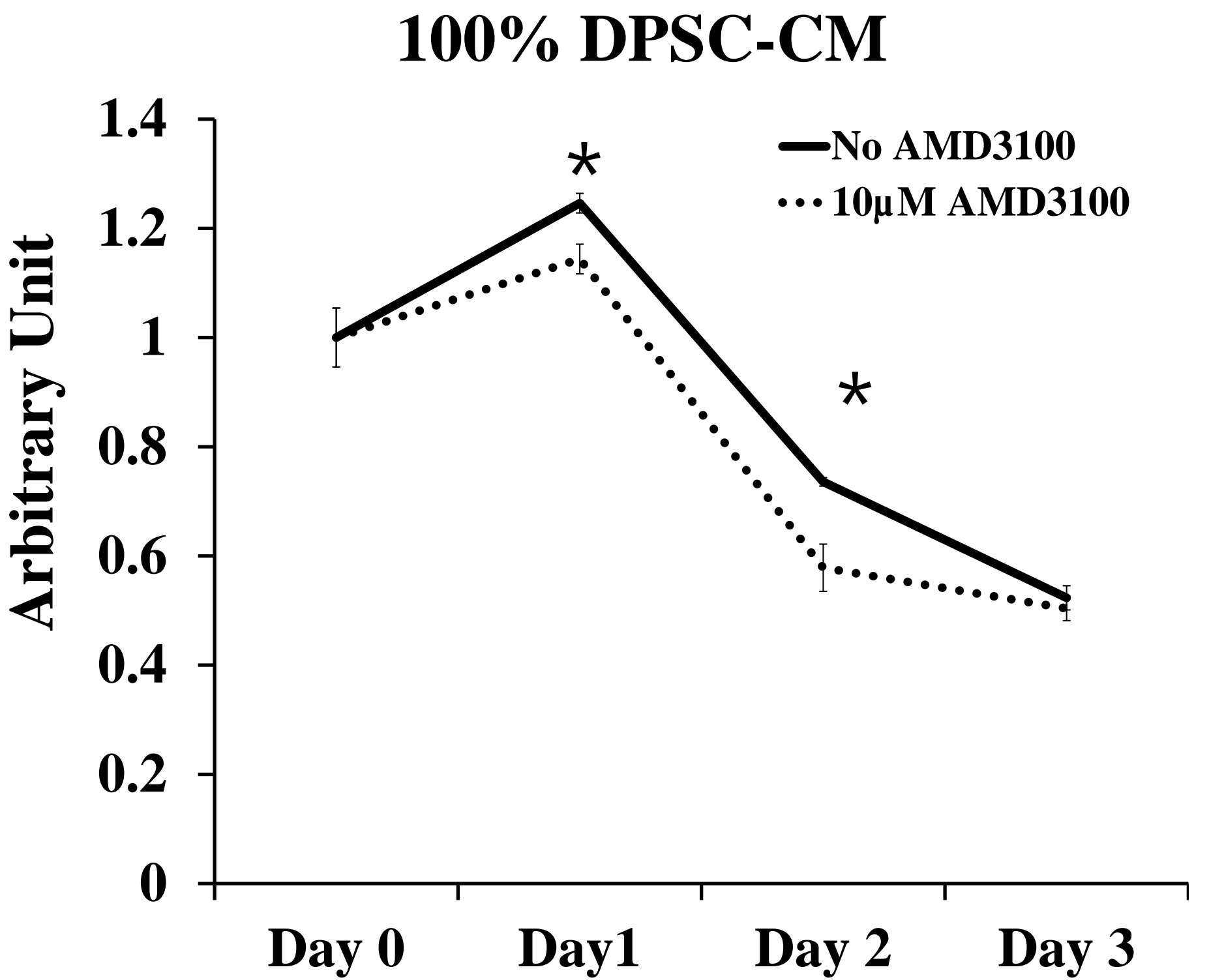
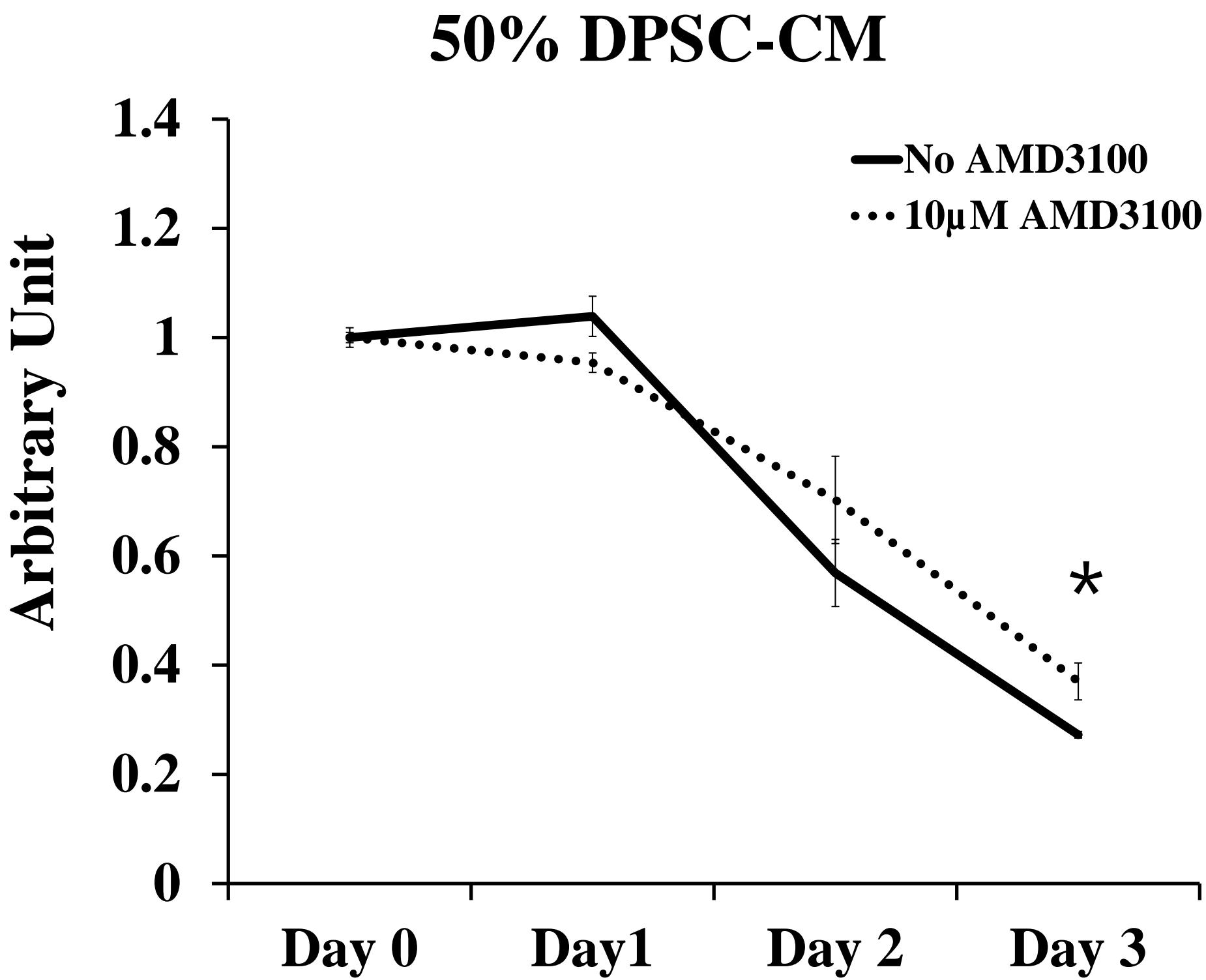
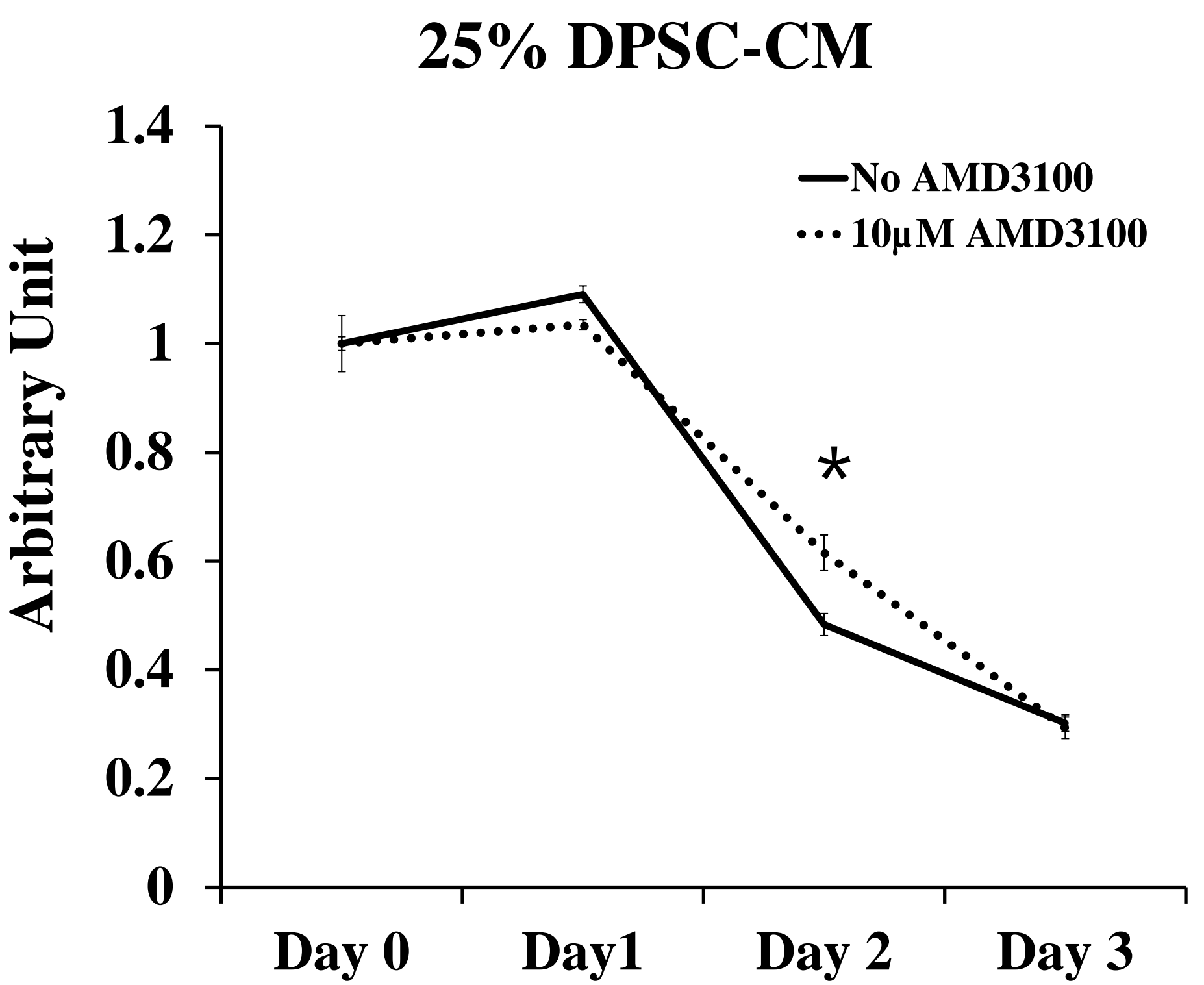
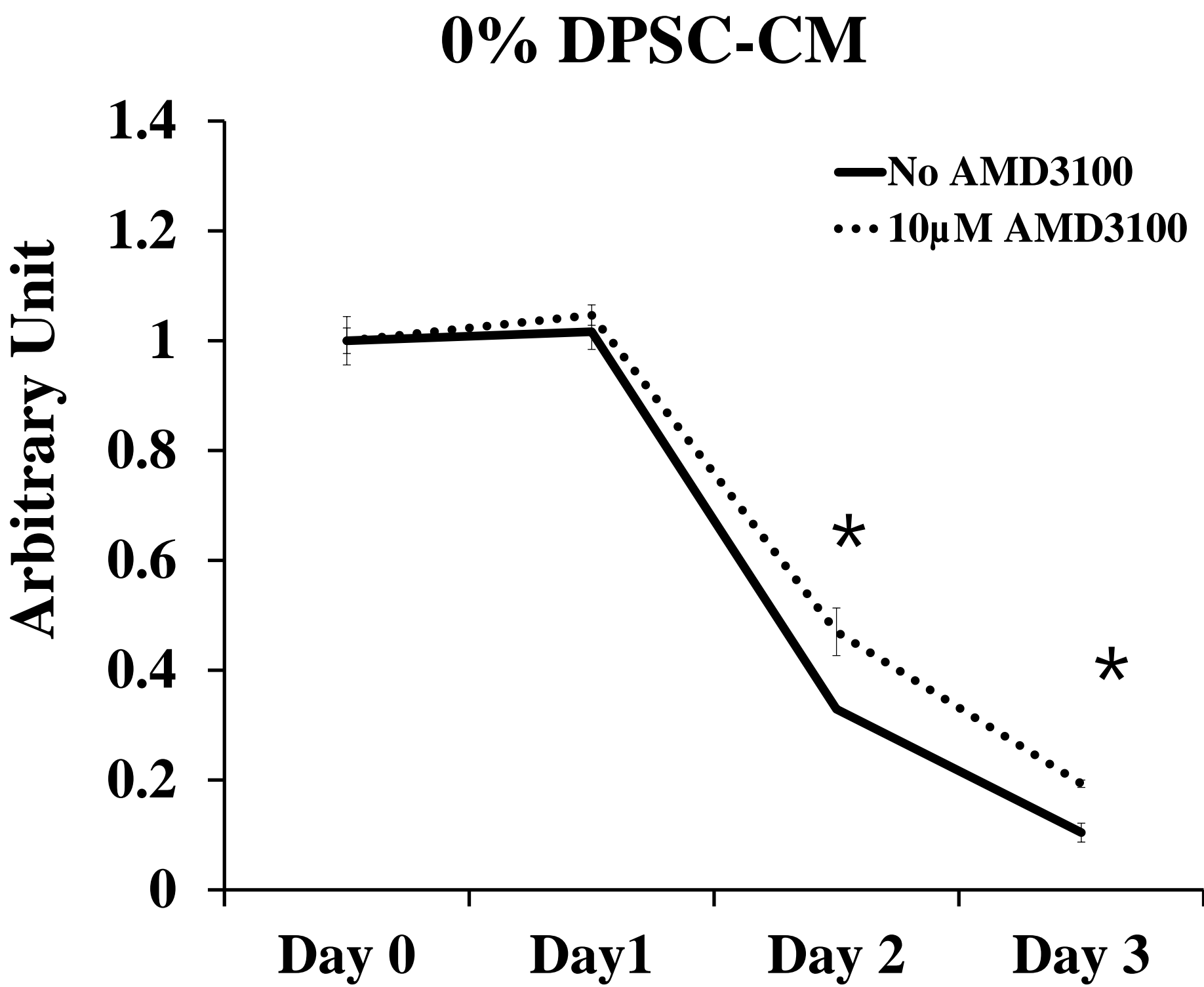


Supplementary Figure 3.

**A**



**B**



**Supplementary Table 1. Antibodies for FACS analysis**

Antibodies	Conjugation	Company	Dilution
CD14	FITC	BD	1:100
CD29	PE	BD	1:100
CD31	FITC	BD	1:100
CD34	APC	BD	1:100
CD44	APC	BD	1:100
CD45	FITC	BD	1:100
CD73	PE	BD	1:100
CD90	FITC	BD	1:100
CD117	PE	BD	1:100
HLA-I	FITC	BD	1:100
HLA-DR	APC	BD	1:100
Chondroitin Sulfate (NG2)	Alexa Fluor 488	BD	1:100
CD140b (PDGFR $\beta$ )	PE	BD	1:100
CD146	Alexa Fluor 647	BD	1:100

**Supplementary Table 2. Primers for qPCR**

Genes	Size (bp)	5' Oligonucleotide	3' Oligonucleotide	T <sub>m</sub> (°C)
<i>NG2</i>	277	ACTGGCTAGGGGTGTCAATG	TCCTCAAGGTCCTGCTGAGT	60
<i><math>\alpha</math>-SMA</i>	256	CCGGGAGAAAATGACTCAAA	GAAGGAATAGCCACGCTCAG	60
<i>PDGFR<math>\beta</math></i>	286	GACAGGGAGGTGGATTCTGA	AGGTGTAGGTCCCCGAGTCT	60
<i>CD146</i>	101	ACTTCCACCTCCACCAGCTC	GTCTGCGCCTTCTTGCTC	60
<i>PDGF-BB</i>	105	CTGGCATGCAAGTGTGAGAC	AATGGTCACCCGAGTTTGG	63
<i>VEGF</i>	136	CACACAGGATGGCTTGAAGA	AGGGCAGAATCATCACGAAG	63
<i>VEGFR1</i>	110	TCCCTTCCTTCAGTCATGTGT	AAGAAGGAAACAGAATCTGCAA	60
<i>VEGFR2</i>	121	CGGCTCTTTCGCTTACTGTT	TCTCTCTGCCTACCTCACCTG	60
<i>SDF-1<math>\alpha</math></i>	108	TTGACCCGAAGCTAAAGTGG	TGGGCTCCTACTGTAAGGGTT	60
<i>CXCR4</i>	145	GGAGGGGATCAGTATATACA	GAAGATGATGGAGTAGATGG	60
<i>GAPDH</i>	208	GATGCTGGCGCTGAGTACG	GCTAAGCAGTTGGTGGTGC	60