

## SUPPLEMENTARY DATA

# **C-Phycocyanin Ameliorates the Senescence of Mesenchymal Stem Cells through ZDHHC5-Mediated Autophagy *via* PI3K/AKT/mTOR Pathway**

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**Supplementary Table 1.** The manufacturer and catalog of antibodies

<b>Antibody Name</b>	<b>Manufacturer</b>	<b>Catalog number</b>
CD73	Biologend	344016
CD90	Biologend	328108
CD14	BD Biosciences	557153
CD34	BD Biosciences	560942
isotype control ( Mouse IgG2a, κ Isotype )	BD Biosciences	563809
CD44	Biologend	203906
CD90	Biologend	206105
CD14	BOSTER	A01818
CD34	BOSTER	BA0532
FITC-labeled Goat anti-rabbit secondary antibody	BOSTER	BA1105
HRP-labeled Goat Anti-Mouse IgG	Epizyme	LF101
HRP-labeled Goat Anti-Rabbit IgG	Epizyme	LF102
Flag Flag	ZEN BIO	384091
β-actin	ZEN BIO	700068
ZDHHC5	Proteintech	21324-1-AP
P53	Proteintech	10442-1-AP
P21	ABclonal	A2691
p-PI3K (Y607)	Abcam	ab182651
PI3K	Abcam	ab191606
SIRT1	Abcam	ab189494
P16 <sup>INK4a</sup>	Abcam	ab211542
PPAR-γ	Abcam	ab272718
RUNX-2	Abcam	Ab236639
p-AKT (Ser473)	Cell Signaling Technology	4060
AKT	Cell Signaling Technology	4691
p-mTOR (Ser2481)	Cell Signaling Technology	381548
mTOR	Cell Signaling Technology	380411
Beclin1	ZEN BIO	R22856
LC3	Proteintech	14600-1-AP