

Ovatodiolide inhibits colon cancer via targeting tumor sphere-derived exosomes

Supplementary Table 1. List of qPCR primers

Gene	Primer Sequences
Human CD206-F	TTGCACTTTGAGGGAAGGGA
Human CD206-R	CCTTGCCTGATGCCAGGTTA
Human TNF- α -F	CCTGTAGCCCACGTCGTAGC
Human TNF- α -R	AGCAATGACTCCAAAGTAGACC
Human IL-1 β -F	CCACAGACCTTCCAGGAGAATG
Human IL-1 β -R	GTGCAGTTCAGTGATCGTACAGG
Human TGF- β 1-F	TACCTGAACCCGTGTTGCTCTC
Human TGF- β 1-R	GTTGCTGAGGTATCGCCAGGAA
Human RPLP0-F	TGGTCATCCAGCAGGTGTTCTGA
Human RPLP0-R	ACAGACACTGGCAACATTGCGG

F: forward primer; R: reverse primer.

Supplementary Table 2. List of primary antibodies used in this study

No.	Target	Dilution	Company and Catalog No.	Predicted MW (kDa)	Observed MW (kDa)
01	β -actin	1:5000	Proteintech, β -actin Rabbit pAb, 20536-1-AP	42	42
02	Akt	1:1000	Cell Signaling, Akt Rabbit mAb, #9272	60	60
03	β -catenin	1:800	Cell Signaling, β -Catenin (6B3) Rabbit mAb, #9582P	92	100
04	mTOR	1:800	Cell Signaling, mTOR (7C10) Rabbit mAb, #2983	289	289
05	STAT3	1:600	Proteintech, STAT3 Rabbit pAb, 10253-1-AP	79-86	79-86~100
06	TGF β 1	1:1000	Proteintech, TGF β 1 Rabbit pAb, 18978-1-AP	43	44
07	CD63	1:600	Abcam, CD63 Rabbit pAb, ab216130	26	40
08	CD9	1:1000	Abcam, CD9 (EPR2949) Rabbit mAb, ab92726	25	40
09	CD44	1:1000	Invitrogen, CD44 Mouse mAb, MA5-13890	81	81
10	Vimentin	1:1000	Cloud Clone, Vimentin Rabbit pAb, PAB040Hu01	52-58	52-58
11	Snail	1:600	Abclonal, Snail Rabbit pAb, A5544	29-35	29-35
12	CD133	1:1000	Abcam, CD133 Rabbit pAb, ab19898	123	123
13	E-cadherin	1:1000	Proteintech, E-cadherin Rabbit pAb, 20874-1-AP	97	125
14	IL-6	1:1000	Proteintech, IL-6 Rabbit pAb, 21865-1-AP	24-30	24-30
15	Alix	1:1000	Abcam, Alix Rabbit pAb, ab76608	96	96
16	P-STAT3	1:600	Cellsignal, p-STAT3 Rabbit mAb, #9145s	79-86	79-86