

Supplementary Table 1

shRNA1	Forward	gatccGCATAAGGCCATAATGGTTTTCAAGAGAAAC CATTATGGCCTTATGCTTTTTTACGCGTg
	Reverse	aattcACGCGTAAAAAAGCATAAGGCCATAATGGTT TCTCTTGAAAACCATTATGGCCTTATGCg
shRNA1	Forward	aattcACGCGTAAAAAAGCTTCATCAAGCCATGAAA TCTCTTGAATTCATGGCTTGATGAAGCg
	Reverse	aattcACGCGTAAAAAAGCTTCATCAAGCCATGAAA TCTCTTGAATTCATGGCTTGATGAAGCg

Two sets of short hairpin RNA oligonucleotide were designed to interfere Annexin A1 expression.

Supplementary Table 2

AnnexinA1 88 bp	Forward	5'-AGTTCTGGACCTGGAGTTGAAAG-3'
	Reverse	5'-TGCAAAGAAAGCTGGTTTGC-3'
$\beta$ -actin 100 bp	Forward	5'-TGGATCAGCAAGCAGGAGTAT-3'
	Reverse	5'-GGTTTTGTCAAGAAAGGGTGTAACG-3'

Annexin A1 gene and  $\beta$ -actin primers for Real-time PCR.

Supplementary Table 3

rabbit anti-Annexin A1 polyclonal antibody	Abcam, catalog no. ab33061
rabbit anti-cleaved fragment of human PARP	CST, Asp214, Code NO.5625P
cleaved fragment of caspase 3	CST, Asp175, Code NO.9664P
AKT	CST, Code NO.9272
pAKT	CST, Ser473, Code NO.4060P
p27	CST, Code NO.3698
pEGFR	Abcam, catalog no. ab40815
PDK1	CST, Code NO.9652
pPDK1	CST, Code NO.9652
$\beta$ -actin	MBL, Code NO.PM053

Primary antibodies were used in this study.