Supplementary Table 1. Antibodies used in this study

Antibody	Cat.No and Company
phospho-GSK3β (Ser9)	#5558S, Cell Signaling Technology
GSK3β	#51065-1-AP, Proteintech
Aurora B/AIM1	#3094S, Cell Signaling Technology
eIF2α	#5324S, Cell Signaling Technology; #11233-1-AP, Proteintech
p-eIF2α	#3398S, Cell Signaling Technology
GCN2	#SC-374609, Santa Cruz
p-GCN2(Thr899)	#AF8154, Affinity
Actin	#A5441, Sigma
Cleaved Caspase-3 (Asp175)	#9661S, Cell Signaling Technology
Phosphor-Histone H3	#9713, Cell Signaling Technology
Ki67	#ab15580, Abcam

Supplementary Table 2. Chemicals used in this study

Chemical reagent	Cat. No and Company
Paclitaxel	HY-B0015, MedChemExpress
Enzastaurin(PKC inhibitor)	T6280, Tegretol
Doramapimod (p38 MAPK inhibitor)	1358, Axon Medchem
LY333531(PKC-β inhibitor)	1401, Axon Medchem
AB1010 (Kit/PDGFR inhibitor)	1419, Axon Medchem
JW-55 (Tankyrase inhibitor)	1922, Axon Medchem
PCI-32765 (Bruton's Tyrosine kinase inhibitor)	1858, Axon Medchem
AC-220 (FLT3 inhibitor)	1696, Axon Medchem

Cyclosporine (Hedgehog inhibitor)	C-8700, LC Labs
H-89 (PKA inhibitor)	H-5239, LC Labs
AZD 1152-HQPA (Aurora kinase inhibitor)	1580, Axon Medchem
MLN8237(Aurora kinase inhibitor)	2003, Axon Medchem
ZM447439 (Aurora kinase inhibitor)	1541, Axon Medchem
Tak-901	S2718, Selleck
VX-680	T2304, LC Labs
Go-6983 (pan-PKC inhibitor)	HY-13689, MedChemExpress
GCN2iB (GCN2 inhibitor)	HY-112654, MedChemExpress
Sal003(eIF2α phosphatase inhibitor)	HY-15969, MedChemExpress
RSL3(GPX4 inhibitor)	HY-100218A, MedChemExpress
BODIPY™ 581/591 C11	D3861, ThermoFisher Scientific

Supplementary Table 3. SiRNAs and shRNAs used in this study

SiRNA and shRNA	Sequence
si AURKB	5'-AACGCGGCACUUCACAAUUGA-3'
si PKCα #1:	5-CUUUGGAGUUUCGGAGCUGAT-3
si PKCα#2:	5-CCGAGUGAAACUCACGGACUUCAAU-3
si PKCδ #1:	5-GCAAGACAACAGUGGGACCUA-3
si PKCδ #2:	5-GGCCGCUUUGAACUCUACCGU-3
siGCN2 #1:	5-GGUCCAAGGAAGCACCAAA-3
siGCN2 #2:	5-CCAAAGGUCUAUCAAAUGAAA-3
shAURKB	5-AACGCGGCACTTCACAATTGA-3

Supplementary Table 4. Primers used in this study

Gene	Forward (5'-3')	Reverse (5'-3')
MUC1	CCTACCATCCTATGAGCGAGTAC	GCTGGGTTTGTGTAAGAGAGGC
MUC15	GGTGTCTCATTGCTTACTCTTGTG	CCAAAACTCACATCATAAGGTTCC
CLDN4	AGTGCAAGGTGTACGACTCGCT	CGCTTTCATCCTCCAGGCAGTT
TWIST1	AGTCCGCAGTCTTACGAGGA	GCCAGCTTGAGGGTCTGAAT
TWIST2	GCAAGATCCAGACGCTCAAGCT	ACACGGAGAAGGCGTAGCTGAG
VIM	ACTACGTCCACCCGCACCTA	CAGCGAGAAGTCCACCGAGT
ZEB2	AATGCACAGAGTGTGGCAAGGC	CTGCTGATGTGCGAACTGTAGG
ACTA2	GGTGACGAAGCACAGAGCAA	CAGGGTGGGATGCTCTTCAG
EPCAM	GCCAGTGTACTTCAGTTGGTGC	CCCTTCAGGTTTTGCTCTTCTCC
SNAIL2	ATCTGCGGCAAGGCGTTTTCCA	GAGCCCTCAGATTTGACCTGTC
FN1	ACAACACCGAGGTGACTGAGAC	GGACACAACGATGCTTCCTGAG
NCAD	TACACTGCCCAGGAGCCAGA	TGGCACCAGTGTCCGGATTA
HMOX1	AAGACTGCGTTCCTGCTCAAC	AAAGCCCTACAGCAACTGTCG
SOD1	CTCACTCTCAGGAGACCATTGC	CCACAAGCCAAACGACTTCCAG
SOD2	CTGGACAAACCTCAGCCCTAAC	AACCTGAGCCTTGGACACCAAC
SOD3	ATGCTGGCGCTACTGTGTTC	CTCCGCCGAGTCAGAGTTG
CBS	CATTGCCAGGAAGCTGAAGGAG	TTCCACCTCGTAGGTTGTCTGC
CTH	GGCCTGGTGTCTGTTAATTGT	GGCCTGGTGTCTGTTAATTGT
FLT	TACGAGCGTCTCCTGAAGATGC	GGTTCAGCTTTTTCTCCAGGGC
PRKCA	GTCCACAAGAGGTGCCATGAA	AAGGTGGGGCTTCCGTAAGT
PRKCB	AAACCTTGTACCTATGGACCCC	CCCAATCCCAAATCTCTACTGAC
PRKCD	TGTGCCGTGAAGATGAAGGAG	TAGATGTGGGCATCGAACGTC
PRKCE	CAGGGATTTGAAACTGGACA	CTGCAGGATCTCAGGAGCTA

PRKCG	CACGAAGTCAAGAGCCACA	TAGCTATGCAGGCGGAACTT
Actin	CACCATTGGCAATGAGCGGTTC	AGGTCTTTGCGGATGTCCACGT