

REAGENT or RESOURCE	SOURCE	IDENTIFIER	RRID
Antibodies			
Anti-USP48	abcam	Cat# ab72226	AB_1271435
Anti-GSDME	abcam	Cat# ab215191	AB_2737000
Anti-HGMB1	abcam	Cat# ab18256	AB_444360
Anti-caspase3	abcam	Cat# ab184787	AB_2827742
Anti-Flag	abcam	Cat# ab205606	AB_2916341
Anti-HA	abcam	Cat# ab9110	AB_307019
Anti-Myc	abcam	Cat# ab32	AB_303599
Anti-Ubiquitin	abcam	Cat# ab134953	AB_2801561
Anti-Ubiquitin (linkage-specific K48)	abcam	Cat# ab140601	AB_2783797
Anti-Ubiquitin (linkage-specific K63)	abcam	Cat# ab179434	AB_2895239
Anti-Tublin	Cell Signaling Technology	Cat# 2148	AB_2288042
Anti- β -actin	Cell Signaling Technology	Cat# 3700	AB_2242334
Anti-VEGFA	abcam	Cat# ab52917	AB_883427
Anti-BRCA-1	abcam	Cat# ab213929	AB_2893209
Anti-GSDMD	abcam	Cat# ab219800	AB_2888940
Anti-p65	abcam	Cat# ab32536	AB_776751
Anti-SIRT6	Cell Signaling Technology	Cat# 12486	AB_2636969
Anti-Traf2	Cell Signaling Technology	Cat# 4724	AB_2209845
Anti-Dhx8	abcam	Cat# ab70588	AB_1209451
Anti-Cul4B	abcam	Cat# ab76470	AB_2086689
Anti-CD8a	Biologend	Cat# 155006	AB_2750213
Anti-CD3	Biologend	Cat# 100203	AB_312660
Anti-CD4	Biologend	Cat# 100427	AB_493646
Anti-CD25	Biologend	Cat# 102027	AB_893290
Anti-Foxp3	Biologend	Cat# 320007	AB_492981
Anti-DX5	Biologend	Cat# 108905	AB_313412
Anti-F4/80	Biologend	Cat# 157309	AB_2876535
Anti-CD11b	Biologend	Cat# 101225	AB_830641
Anti-NK1.1	Biologend	Cat# 156505	AB_2876525
Anti-Havcr2	ABclonal	Cat# A13443	AB_2760304
Anti-CK19	abcam	Cat# ab52625	AB_2281020
Anti-C1qa	Invitrogen	Cat# PA5-29586	AB_2852305
Anti-TREM2	Invitrogen	Cat# MA5-31267	AB_2786908
Anti-CD4	abcam	Cat# ab183685	AB_2686917
Anti-CD8a	abcam	Cat# ab209775	AB_2860566
Anti-FOXP3	abcam	Cat# ab215206	AB_2860568
Cell Lines			
Human 293T	ATCC	Cat# CRL-3216	CVCL_0063

Mouse L929	ATCC	Cat# CCL-1	CVCL_0462
Mouse Pan02	ATCC	Cat# CRL-2553	CVCL_1633

Chemicals

Polybrene	Millipore	Cat# TR-1003-G	N/A
RIPA buffer	Beyotime Biotechnology	Cat# P0013E	N/A
Puromycin	Sigma Aldrich	Cat# P9620	N/A
DAPI	Solarbio	Cat# C0065	N/A
Cycloheximide (CHX)	MCE	Cat# HY-12320	N/A
MG-132	MCE	Cat# HY-13259	N/A
protein G magnetic beads	MCE	Cat# HY-K0204	N/A
Triton X-100	Sigma Aldrich	Cat# T8787	N/A
DMEM	GIBCO	Cat# C11995500BT	N/A
Fetal Bovine Serum	GIBCO	Cat# 10100	N/A
Lipofectamine 2000	Thermo Fisher Scientific	Cat# 11668027	N/A
Trizol	Invitrogen	Cat# 15596026	N/A
TB Green qPCR Master Mix	TAKARA	Cat# RR430A	N/A
PrimeScript™ RT reagent Kit	TAKARA	Cat# RR037A	N/A
anti-PD1	Master of Small Molecules	Cat# HY-101058	N/A
Raptinal	Sigma Aldrich	Cat# SML1745	N/A
SYTOX™ Green Nucleic Acid Stain	Thermo Fisher Scientific	Cat# S7020	N/A

Critical Commercial Assays

CytoTox 96® Non-Radioactive Cytotoxicity Assay kit	Promega	Cat# G1780	N/A
IL-18 ELISA kit purchased	Invitrogen	Cat# BMS267-2	N/A
IL-1 β ELISA kit purchased	Invitrogen	Cat# A35574	N/A
Quick Coupled Transcription/Translation System	Promega	Cat# L1171	N/A
BCA protein assay kit	Thermo Fisher Scientific	Cat# 23225	N/A
CRISPR Knockout Pooled Lentiviral sgRNA Libraries	Dharmacon	N/A	N/A
siRNA Library	Dharmacon	N/A	N/A

Mouse

USP48 ^{flox/flox} mice	Cyagen	N/A	N/A
Alb-cre mice	Cyagen	N/A	N/A
KRAS ^{G12D} ; PDX1-cre mice	Cyagen	N/A	N/A
Mouse: C57BL/6	Shan Dong University	N/A	N/A

Biological Samples

Human HCC Tissue	The Second Hospital of Shandong University	N/A	N/A
Human PDAC Tissue	The Second Hospital of	N/A	N/A

Shandong University

Software

FlowJo v9.3	FlowJo	www.flowjo.com	N/A
Prism v6	GraphPad	www.graphpad.com	N/A