

Major resources table

Antibodies

Target antigen	Vendor or Source	Catalog #	Working concentration	Persistent ID / URL
ASPP1	Sigma	A4355	WB (1:1000)	https://www.sigmaaldrich.cn/CN/zh/product/sigma/a4355
ASPP1	Sigma-Aldrich	HPA006394	IF (1:100) Co-IP (10 ug)	https://www.sigmaaldrich.cn/CN/zh/product/sigma/hpa006394
p53	Cell Signaling Technology	2524S	WB (1:1000)	https://www.cellsignal.cn/products/primary-antibodies/p53-1c12-mouse-mab/2524;jsessionid=ptbl4bpk1srf3-oqbxof2zcfipbdero1khikryxw.prod_store04?N=4294956287&Ntt=2524s&_requestid=175196&fromPage=plp&site-search-type=Products
p53	ABclonal	A19585	Co-IP (10 µg)	https://abclonal.com.cn/catalog/A19585
p53	R&D	AF1355	IF (1:100)	https://www.rndsystems.com/cn/products/human-mouse-rat-p53-antibody_af1355
Bcl2	Cell Signaling Technology	3498S	WB (1:1000)	https://www.cellsignal.cn/products/primary-antibodies/bcl-2-d17c4-rabbit-mab-mouse-preferred/3498?site-search-type=Products&N=4294956287&Ntt=3498s&fromPage=plp&_requestid=175552
Bax	Proteintech	60267-1-Ig	WB (1:5000)	https://www.ptgen.com/products/BAX-Antibody-60267-1-Ig.htm

E2F1	ABclonal	A2067	WB (1:1000)	https://abclonal.com.cn/catalog/A2067
Flag tag	Cell Signaling Technology	8146S	WB/IF (1:500)	https://www.cellsignal.cn/products/primary-antibodies/dykdddk-tag-9a3-mouse-mab-binds-to-same-epitope-as-sigma-s-anti-flag-m2-antibody/8146?site-search-type=Products&N=4294956287&Ntt=8146s&fromPage=plp&_requestid=175860
p63	ABclonal	A19652	WB (1:500)	https://abclonal.com.cn/catalog/A19652
p73	ABclonal	A2670	WB (1:500)	https://abclonal.com.cn/catalog/A2670
β -actin	Proteintech	66009-1-Ig	WB (1:500)	https://www.ptgc.cn/products/Pan-Actin-Antibody-66009-1-Ig.htm
ASPP2	Santa	sc-53861	IF (1:50)	https://www.scbt.com/p/53bp2-antibody-dx54-10?requestFrom=search
iASPP	Santa	sc-398566	IF (1:50)	https://www.scbt.com/p/iaspp-antibody-a-2?requestFrom=search
p63	Santa	sc-25268	IF (1:50)	https://www.scbt.com/p/p63-antibody-d-9?requestFrom=search
p73	Santa	sc-56190	IF (1:50)	https://www.scbt.com/p/p73-antibody-5b1288?requestFrom=search

Animals (in vivo studies)

Species	Vendor or Source	Background Strain	Sex	Persistent ID/URL
mouse	Cyagen Biosciences	ASPP1(TG) C57BL/6	male	https://www.cyagen.com/cn/zh-cn/?bd_vid=10004428659886214057
mouse	Cyagen Biosciences	ASPP1(KO) C57BL/6	male	https://www.cyagen.com/cn/zh-cn/?bd_vid=10004428659886214057
mouse	Animal Center of the Second Affiliated Hospital of Harbin Medical University	C57BL/6	male	N/A

DNA/cDNA Clones

Clone Name	Sequence	Source /Repository	Persistent ID / URL
ASPP1	NM_011625	NCBI	https://www.ncbi.nlm.nih.gov/nucleotide/NM_011625.1?report=genbank&log\$=nucltop&blast_rank=1&RID=RBS49SR0016
p53	NM_011640.3	NCBI	https://www.ncbi.nlm.nih.gov/nucleotide/NM_011640.3?report=genbank&log\$=nucltop&blast_rank=5&RID=RBSBN3XS016
p53-NT	NM_011640.3 (158-1021)	NCBI	https://www.ncbi.nlm.nih.gov/nucleotide/NM_011640.3?report=genbank&log\$=nucltop&blast_rank=5&RID=RBSBN3XS016
p53-CT	NM_011640.3 (1085-1249)	NCBI	https://www.ncbi.nlm.nih.gov/nucleotide/NM_011640.3?report=genbank&log\$=nucltop&blast_rank=5&RID=RBSBN3XS016

Others

Description	Vendor or Source	Catalog #	Persistent ID/URL
2,3,5-	Solarbio	T8170	https://www.solarbio.com/goods-496.html

triphenyltetrazolium chloride			
Mouse CKMB Elisa Kit	Elabscience	E-EL-M0355C	https://www.elabscience.cn/p-mouse_ckmb_creatine_kinase_mb_isoenzyme_elisa_kit-48588.html
Lipofectamine™ 2000 reagent	Invitrogen	11668019	https://www.thermofisher.cn/order/catalog/product/11668019?SID=srch-srp-11668019
X-treme GENE siRNA Transfection Reagent	Roche	4476115001	https://www.sigmaaldrich.cn/CN/zh/product/roche/sitranro
LDH Detection Kit	Nanjing Jiancheng	A020-1-2	http://www.njjcbio.com/products.asp?id=322
In Situ Cell Death Detection Kit	Roche	11684817910	https://www.sigmaaldrich.cn/CN/zh/product/roche/11684817910
Mitochondrial Membrane Potential Assay Kit	Beyotime	C2006	https://www.beyotime.com/product/C2006.htm
Caspase-3 activity assay Kit (<i>in vivo</i>)	Abcam	ab39383	https://www.abcam.cn/caspase-3-assay-kit-fluorometric-ab39383.html
Caspase-3 activity assay kit (<i>in vitro</i>)	Cell Signaling Technology	5723	https://www.cellsignal.cn/products/cellular-assay-kits/caspase-3-activity-assay-kit/5723?site-search-type=Products&N=4294956287&Ntt=5723&fromPage=plp&_requestid=2073696
BCA Protein Assay Kit	Beyotime	P0010	https://www.beyotime.com/product/P0010.htm
Pierce™ CO-Immunoprecipitation Kit	Thermo fisher	26149	https://www.thermofisher.cn/order/catalog/product/26149?SID=srch-srp-26149
TRIzol reagent	Invitrogen	15596026	https://www.thermofisher.cn/order/catalog/product/15596026?SID=srch-srp-15596026
TransScript® All-	TransGen	AT341-01	https://www.transgen.com.cn/rt_pcr/927.html

in-One First-Strand cDNA Synthesis SuperMix for qPCR	Biotech		
TransStart® Top Green qPCR SuperMix	TransGen Biotech	AQ131-04	https://www.transgen.com.cn/qpcr/1004.html