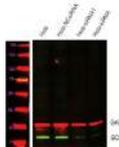


## Introduction

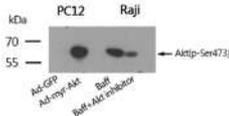
Antibody specificity refers to the ability of an antibody to bind to and only to its target antigen; this exclusivity requires high-level validation techniques, among which genetic verification is the best choice.

Among genetic approaches, gene knockout (KO) at the genomic level, and gene knockdown (KD) at the mRNA level using small interference RNA (siRNA) and short hairpin RNA (shRNA) techniques have been widely used for antibody validation. Knocking out a gene will lead to a complete ablation of its encoded protein, but for genes essential to cell survival knockout will be lethal.

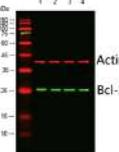
Using siRNA to knock down genes is cost-effective and less time-consuming, but the knockdown is transient in and of itself. Compared to KO and siRNA approach, shRNA KD offers the following benefits, 1) lentiviral shRNA can be stably integrated into a cell's genome and result in a more complete knockdown compared to siRNA; 2) It is particularly powerful for difficult-to-target and nondividing cells; 3) It knocks down rather than knocks out a gene, so it is particularly useful for the study of genes vital to cell survival.



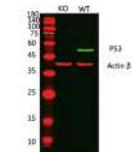
Bcl-2 Monoclonal Antibody #40415



Akt(Phospho-Ser473) Antibody #11054

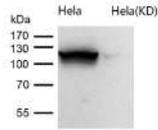


BCL2 Antibody #32012



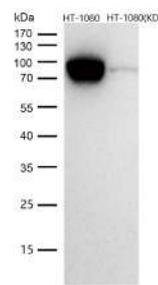
p53(Ab-15) Antibody #21085

No.	Name	Application
59965	CLSTN1 Rabbit mAb	WB IHC ICC/IF
59973	ATP1B3 Rabbit mAb	WB IHC
59979	MTH1 Rabbit mAb	WB IHC ICC/IF IP FC
59984	NEK7 Rabbit mAb	WB FC
59991	Legumain Rabbit mAb	WB
59992	HLTF Rabbit mAb	WB IHC ICC/IF
59993	IDH1 Rabbit mAb	WB IHC IP
59996	TXNRD2 Rabbit mAb	WB IHC
59997	TRAF6BP Rabbit mAb	WB ICC/IF
59998	PRKRA Rabbit mAb	WB IHC
60005	Poliovirus Receptor Rabbit mAb	WB IP
60011	STXBP1 Rabbit mAb	WB IHC ICC/IF



SERCA2 Rabbit mAb #59298

All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



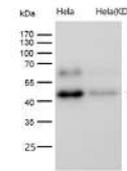
MCM7 Rabbit mAb #59558

All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

CTCF Rabbit mAb #59329

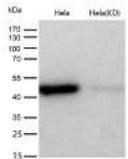
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

No.	Name	Application
60147	ACADS / SCAD Rabbit mAb	WB IHC IP
60149	KIF5B Rabbit mAb	WB IHC ICC/IF IP
60155	C3orf38 Rabbit mAb	WB
60156	TFSM Rabbit mAb	WB ICC/IF IP
60158	TRIM24 Rabbit mAb	WB IHC ICC/IF
60162	ACAT1 Rabbit mAb	WB IHC IP



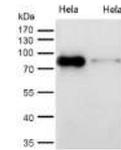
MAPK Kinase 2 Rabbit mAb

#59659



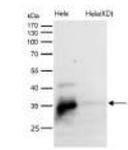
AdSS 2 Rabbit mAb

#60164



CSDE1 Rabbit mAb

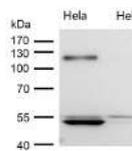
#60246



UCHL5IP Rabbit mAb

#60213

No.	Name	Application
60171	PCTAIRE1 Rabbit mAb	WB
60172	Mras Rabbit mAb	WB
60173	PPM1G Rabbit mAb	WB
60177	HNRNPM Rabbit mAb	WB IHC ICC/IF FC
60180	MDH2 Rabbit mAb	WB IHC
60181	AAAMP Rabbit mAb	WB ICC/IF FC
60186	PRMT7 Rabbit mAb	WB
60192	AER61 Rabbit mAb	WB
60193	MLD Rabbit mAb	WB
60195	TCEA1 Rabbit mAb	WB IHC ICC/IF IP FC
60196	PPM1G Rabbit mAb	WB IHC ICC/IF FC
60197	IQGAP2 Rabbit mAb	WB IHC



ORP1 Rabbit mAb #60074

All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.