

## AKT2 Knockout cell line (A549)

**Catalog Number:** KO11335

Product Information	
Product Name	AKT2 Knockout cell line (A549)
specification	1*10^6
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:4
species	Human
Gene	AKT2
Gene ID	208
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: AKT2 Knockout cell line (A549) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses, mycoplasma and other toxins.

Gene Information	
Gene Official Full Name	AKT serine/threonine kinase 2provided by HGNC
Also known as	PKBB; PRKBB; HIHGHH; PKBBETA; RAC-BETA
Gene Description	<p>This gene is a putative oncogene encoding a protein belonging to a subfamily of serine/threonine kinases containing SH2-like (Src homology 2-like) domains, which is involved in signaling pathways. The gene serves as an oncogene in the tumorigenesis of cancer cells For example, its overexpression contributes to the malignant phenotype of a subset of human ductal pancreatic cancers. The encoded protein is a general protein kinase capable of phosphorylating several known proteins, and has also been implicated in insulin signaling. [provided by RefSeq, Nov 2019]</p>
Expression	Ubiquitous expression in thyroid (RPKM 30.9), fat (RPKM 28.8) and 25 other tissues See more