

Product Name: KD-Validated AKT2 Mouse Monoclonal Antibody**Catalog #: KVA01908**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 55.8kDa

Antigen Information

Gene Name	AKT2 AKT2; AKT Serine/Threonine Kinase 2; V-Akt Murine Thymoma Viral Oncogene Homolog 2; RAC-Beta Serine/Threonine-Protein Kinase; Protein Kinase B Beta; Protein Kinase Akt-2;
Alternative Names	RAC-PK-Beta; EC 2.7.11.1; PKB Beta; PKBB; Putative V-Akt Murine Thymoma Viral Oncoprotein 2; Murine Thymoma Viral (V-Akt) Homolog-2; Rac Protein Kinase Beta; RAC Protein Kinase Beta; EC 2.7.11; RAC-BETA; PKBBETA; HIHGHH; PRKBB; PKB β
Gene ID	208.0
SwissProt ID	P31751
Immunogen	Recombinant protein of human AKT2

Background

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]

Research Area

Neuroscience, Signal Transduction, Cancer

Image Data

