

Mouse Akt2 Monoclonal Antibody | anti-Akt2 antibody

Akt2 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319939	Mouse	Human, Rat, Monkey	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

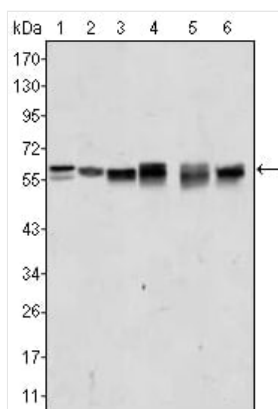
PRODUCT SYNONYMS

Akt2; Monoclonal Antibody; Akt2 Monoclonal Antibody; RAC-beta serine/threonine-protein kinase; AKT2; Protein kinase Akt-2; Protein kinase B beta; PKB beta; RAC-PK-beta; anti-Akt2 antibody

PRODUCT SPECIFICATIONS

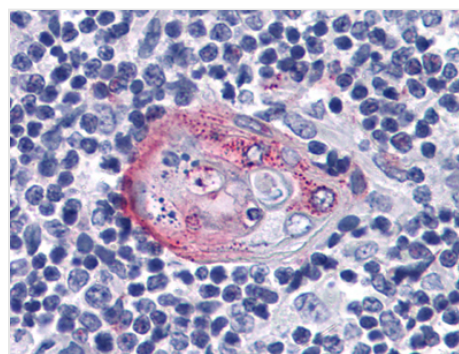
Host	Mouse
Reactivity	Human, Rat, Monkey
Clonality	Monoclonal
Specificity	Akt2 Monoclonal Antibody detects endogenous levels of Akt2 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-Akt2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human Akt2 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



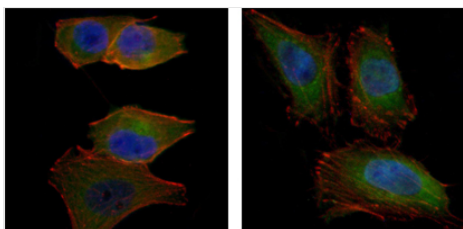
IF (Immunofluorescence)

Immunofluorescence analysis of PANC-1 (left) and HeLa (right) cells using Akt2 Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human Thymus tissues with AEC staining using Akt2 Monoclonal Antibody.



WB (Western Blot)

Western Blot analysis using Akt2 Monoclonal Antibody against A431 (1). Jurkat (2). HEK293 (3). A549 (4). MCF-7 (5) and PC-12 (6) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-Akt2 antibody	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. The gene was shown to be amplified and overexpressed in 2 of 8 ovarian carcinoma cell lines and 2 of 15 primary ovarian tumors. 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. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-Akt2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502023
NCBI GeneID	208
NCBI Accession #	NP_001617.1
NCBI GenBank Nucleotide #	NM_001626.4
UniProt Accession #	P31751 ; Q0VAN1 ; Q68GC0 ; B2RBD8
Molecular Weight	55,769 Da
NCBI Official Full Name	RAC-beta serine/threonine-protein kinase isoform 1
NCBI Official Synonym Full Names	v-akt murine thymoma viral oncogene homolog 2
NCBI Official Symbol	AKT2
NCBI Official Synonym Symbols	PKBB; PRKBB; HIHGHH; PKBBETA; RAC-BETA
NCBI Protein Information	RAC-beta serine/threonine-protein kinase; PKB beta; RAC-PK-beta; protein kinase Akt-2; protein kinase B beta; rac protein kinase beta; murine thymoma viral (v-akt) homolog-2
UniProt Protein Name	RAC-beta serine/threonine-protein kinase
UniProt Gene Name	AKT2
UniProt Synonym Gene Names	PKB beta
UniProt Entry Name	AKT2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/akt2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/319939>