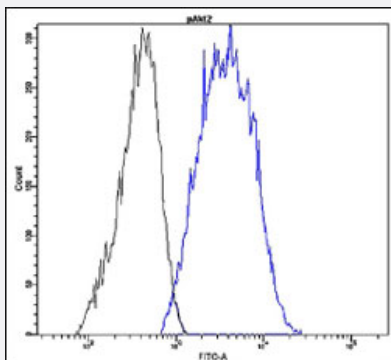


AKT2 (phospho S478) monoclonal antibody, clone S7-R (FITC)

Catalog # MAB16008 Size 1000 uL

Applications



Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes with AKT2 (phospho S478) monoclonal antibody, clone S7-R (FITC) (Cat # MAB16008).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic phosphopeptide of human AKT2.

Host Rabbit

Reactivity Human

Form Liquid

Conjugation FITC

Purification EVAC purification

Isotype IgG

Recommend Usage Flow Cytometry
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS (10 mg/mL BSA, 0.05% Sodium Azide).

Storage Instruction Store in the dark at 4°C. Avoid prolonged exposure to light. Do not freeze.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

Flow cytometric analysis of human peripheral blood lymphocytes with AKT2 (phospho S478) monoclonal antibody, clone S7-R (FITC) (Cat # MAB16008).

Gene Info — AKT2

Entrez GeneID	208
---------------	---------------------

Protein Accession#	P31751
--------------------	------------------------

Gene Name	AKT2
-----------	------

Gene Alias	PKBB, PKBBETA, PRKBB, RAC-BETA
------------	--------------------------------

Gene Description	v-akt murine thymoma viral oncogene homolog 2
------------------	---

Omim ID	125853 164731
---------	---

Gene Ontology	Hyperlink
---------------	---------------------------

Gene Summary	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]
--------------	---

Other Designations	Murine thymoma viral (v-akt) homolog-2 rac protein kinase beta
--------------------	--

Pathway

- [Acute myeloid leukemia](#)
- [Adipocytokine signaling pathway](#)
- [Apoptosis](#)
- [B cell receptor signaling pathway](#)

- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [Colorectal cancer](#)
- [Endometrial cancer](#)
- [ErbB signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Focal adhesion](#)
- [Glioma](#)
- [Insulin signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [MAPK signaling pathway](#)
- [Melanoma](#)
- [mTOR signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Non-small cell lung cancer](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Renal cell carcinoma](#)
- [Small cell lung cancer](#)
- [T cell receptor signaling pathway](#)
- [Tight junction](#)
- [Toll-like receptor signaling pathway](#)
- [VEGF signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypercholesterolemia](#)
- [Insulin Resistance](#)
- [Lipodystrophy](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Thyroid Neoplasms](#)