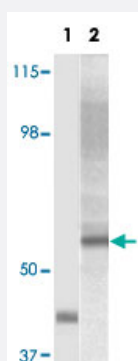


AKT3 monoclonal antibody, clone 3B12F3F10, 2D2B11B11, 2D2B11H5

Catalog # MAB8292

Size 100 uL

Applications



Western Blot

Western blot analysis using AKT3 monoclonal antibody, clone 3B12F3F10, 2D2B11B11, 2D2B11H5 (Cat # MAB8292) against truncated AKT3 recombinant protein (Lane 1) and human ovary carcinoma tissue lysate (Lane 2).

Specification

Product Description	Mouse monoclonal antibody raised against AKT3.
Immunogen	Pure human Ig's (whole molecules).
Host	Mouse
Reactivity	Human
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In TBS, pH 7.2 (0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

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Western blot analysis using AKT3 monoclonal antibody, clone 3B12F3F10, 2D2B11B11, 2D2B11H5 (Cat # MAB8292) against truncated AKT3 recombinant protein (Lane 1) and human ovary carcinoma tissue lysate (Lane 2).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — AKT3

Entrez GeneID	10000
Gene Name	AKT3
Gene Alias	DKFZp434N0250, PKB-GAMMA, PKBG, PRKBG, RAC-PK-gamma, RAC-gamma, STK-2
Gene Description	v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma)
Omim ID	611223
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the AKT, also called PKB, serine/threonine protein kinase family. AKT kinases are known to be regulators of cell signaling in response to insulin and growth factors. They are involved in a wide variety of biological processes including cell proliferation, differentiation, apoptosis, tumorigenesis, as well as glycogen synthesis and glucose uptake. This kinase has been shown to be stimulated by platelet-derived growth factor (PDGF), insulin, and insulin-like growth factor 1 (IGF1). Alternatively splice transcript variants encoding distinct isoforms have been described. [provided by RefSeq]
Other Designations	OTTHUMP00000037911 OTTHUMP00000037912 RAC-gamma serine/threonine protein kinase protein kinase B gamma serine threonine protein kinase, Akt-3 v-akt murine thymoma viral oncogene homolog 3

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](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Multiple Sclerosis](#)
- [Thyroid Neoplasms](#)
- [Urinary Bladder Neoplasms](#)